

## Mitchell Selected As Graduation Speaker

By Jenny Zhang  
ASSOCIATE NEWS EDITOR

Former Senator George J. Mitchell will speak at the 2003 commencement this June.

Mitchell was the chairman for the negotiations that led to the Good Friday Agreement in Northern Ireland in 1998.

In an MIT press release, President Charles M. Vest said, "Senator Mitchell is a truly distinguished American and world citizen. His objectivity, integrity and wisdom have earned him respect across the political spectrum. We are very fortunate to have him address our



COLUMBIA UNIVERSITY  
George J. Mitchell

graduates and their families."

**Mitchell lauded for peace efforts**

Mitchell received many distinguished awards for his dedication to creating peace in Northern Ireland from 1995 to 1998, including the Presidential Medal of Freedom, the Philadelphia Liberty Medal, the Truman Institute Peace Prize, and the United Nations Peace Prize.

Mitchell, a democrat, also replaced Edmund S. Muskie as one of Maine's senators in 1980 and was elected to two more terms, in 1982 and 1988. He was majority leader for the

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EDWARD PLATT—THE TECH  
Daniel J. Katz '03 performs at the Coffeehouse Tribute Concert Monday night. The concert, in honor of the Coffeehouse's 30 years of service, was organized by the MIT Songwriting Club.

## Students Accused of Tech Fraud Must Pay \$50K in Compensation

By Keith J. Winstein  
NEWS AND FEATURES DIRECTOR

Four former MIT students, three of them former members of The Tech's business department, have been ordered to pay back a total of \$48,284 they are accused of embezzling from this newspaper in 2001.

One of the students, former Business Manager Huanne T. Thomas '02, has violated the terms of her probation by failing to pay back the \$15,784 by the Cambridge District Court's March 7 deadline, according to the arrest warrant request filed by her probation officer.

MIT and The Tech have not yet

received any payments from Thomas, said Tracy F. Purinton, the assistant dean for student activities.

Thomas's attorney, Willie J. Davis, said he was unaware of her outstanding arrest warrant or her failure to return the stolen money. "This is the first I've heard of that," he said, adding he had not recently met with Thomas.

**Three must pay \$33K by 2004**

The remaining three, former Business Manager Jasmine Richards '02, former business staff member Dashonn Graves '03, and Stacey Winston '02, were ordered to pay

back a total of \$32,500 — Winston \$900, Richards \$6,600, and Graves \$25,000 — by March 2004.

After a year of unsupervised pre-trial probation and the return of the money, the criminal charges against them will be dismissed without a guilty plea, conviction, or sentence, said Richards' attorney, Thomas R. Glover.

"If any conditions are failed or she gets into any more trouble, the case goes back on the trial list," he said.

Pre-trial probation without con-

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## Underclassmen May Get Priority in PE Selection

By Brian Loux  
ASSOCIATE FEATURES EDITOR

The Department of Athletics, Physical Education, and Recreation may give freshmen and sophomores preference in the PE lottery with the upcoming implementation of new software.

Director of Physical Education Lynn E. Couturier said that with a new system, the athletics department also hopes to open the first two days of registration solely to first and second year students.

"Most of us feel that there is a special demand [for graduation] and we want to be helpful in trying to meet that," he said, referring to the department's expectation that students complete their require-

ments by sophomore year.

"We receive a lot of complaints about the [lottery] system," said Couturier, who joined the department's team to examine its database capabilities in 2001. "We hope [the new system] would not be a lottery, but an open enrollment."

Couturier said she hoped the system would be ready "by the beginning of next academic year." However, Senior Analyst Ayca Darcan, of Student Services Information Technology, said that the project will not be complete by then.

Darcan said that the analysis

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## Logs Will Build New Studio Open to A Capella Groups

By Christine R. Fry  
NEWS EDITOR

The Logarithms are building a recording studio in Walker Memorial for use by all MIT a capella groups.

The studio is located on the third floor of Walker and will be equipped with professional recording equipment. It will be available for MIT a capella groups to record CDs by the end of this semester.

"We came up with the idea of making a recording studio because prices [to record CDs] at [off-campus] recording studios are ridiculous," said Benjamin W. Su '05, president of the Logs.

"It was just a matter of funding" before the studio could be built, Su said.

Although the Logs were the primary group to build and acquire

funding for the studio, the other MIT a capella groups have helped with project and will be allowed to use the studio once it is complete.

"The Logs have handled the administrative aspects" of the recording studio project, Su said.

The Logs have also "been footing the bill," said Ross I. Runnion '04, president of the Chorallaries, a co-ed a capella group. He estimates that the recording studio will cost approximately \$30,000.

However, Runnion said, "the other a capella groups had to come together to make it happen." He said that all of the a capella groups had to give up their storage spaces, allocated by the Association of Student Activities, in order to obtain the space in Walker for the

Studio, Page 15



JONATHAN WANG—THE TECH  
Rhodes 19s and FJs sit in the water near the MIT Sailing Pavilion last night as a plane streaks overhead after takeoff from Logan Airport. The pavilion opened its doors for the 2003 season yesterday.



Pale Brahms, but brilliant Haydn at MITSO.

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WORLD & NATION

The Tech begins phasing in the New York Times News Service, including articles from The Boston Globe.

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# WORLD & NATION

*Editor's Note: With this issue, we have begun to switch from the Los Angeles Times/Washington Post News Service to the New York Times News Service, including The Boston Globe. Please excuse any kinks as we experiment with new formats and the intoxicating breadth and depth of this new wire service. We would very much like to hear your comments on these pages; please send them to news@the-tech.mit.edu.*

## U.S. Sanctions Pakistan Laboratory

THE NEW YORK TIMES

The Bush administration has imposed sanctions against a major Pakistani nuclear laboratory — the first such action since Pakistan became an ally in the battle against terrorism — for its role in helping North Korea obtain crucial equipment and designs to produce nuclear weapons, administration officials said Monday.

With its actions, the administration has publicly acknowledged for the first time that Pakistan was the key supplier of the technology that has enabled North Korea to develop a clandestine project to build weapons from highly enriched uranium. In return, Pakistan received North Korean missiles that can carry nuclear weapons, and picked them up last summer in an American-made C-130 cargo plane that belongs to the Pakistani Air Force.

When the transactions were first revealed last fall, senior administration officials declined to comment on the report, and Secretary of State Colin L. Powell told reporters in October that when he called Pakistan's president, Gen. Pervez Musharraf, to discuss the subject, "He said, 'Four hundred percent assurance that there is no such interchange taking place now.'" Powell added: "We didn't talk about the past."

## Powell to Visit Ankara, Brussels

THE NEW YORK TIMES

Secretary of State Colin L. Powell, seeking to ease tensions with Turkey and the European alliance, scheduled a visit this week to Ankara and Brussels to confer on the war and possible cooperative steps on Iraq's postwar reconstruction.

Powell said he would fly to Turkey on Tuesday to confer with Prime Minister Tayyip Erdogan and other leaders to ensure a "common understanding" on the future of northern Iraq, where fighting is under way on Turkey's doorstep.

Turkey has said that if the fighting spreads and leads to an uprising of ethnic Kurds, some of whom favor establishing a state that would include Kurds living in Turkey, the Ankara government reserved the right to intervene. The Bush administration opposes any such efforts by Turkey.

## All Teachers Fired in Calif. District

THE NEW YORK TIMES

ALAMEDA, CALIF.

The entire teaching staff and some administrators have received pink slips for the next academic year from the Alameda school district, which serves this island city of 75,000 across the bay from San Francisco.

No one expects the schools to close in the fall, but the layoff notices, in keeping with a state legal requirement, are an indication of the serious financial troubles haunting California schools. Not since the economic downturn of the early 1990s have schools here experienced such problems.

## Lawmakers Hold Big Dig Hearings

THE BOSTON GLOBE

Massachusetts lawmakers grilled Turnpike Authority managers Monday about their failure to recover Big Dig funds lost to mistakes, saying any new recovery effort should be conducted independent of the agency.

In the first of what some called historic hearings, Turnpike Authority chairman Matthew Amorello, testifying under oath, acknowledged that cost-recovery efforts to date "have not inspired confidence." Only \$35,000 has been recovered so far in the \$14.6 billion project.

# U.S. Begins Probing Attacks On Republican Guard Troops

By Patrick E. Tyler

THE NEW YORK TIMES

KUWAIT CITY, KUWAIT

U.S. Marine and Army infantry units arrayed along a broad front south of Baghdad on Sunday made their first probing attacks against the Republican Guard division at Karbala, 67 miles from the capital, after a week of heavy aerial bombardment on the Iraqi forces that guard the approaches to Saddam Hussein's stronghold.

In Baghdad, another round of airstrikes began early Monday morning.

Bombing also continued on the city's southern outskirts where at least two Republican Guard divisions are deployed, the 5,000 member 2nd Brigade of the 3rd Infantry Division wheeled its armored columns north from the region around Najaf, 100 miles south of the capital, to begin engaging them.

The probing attacks were not the opening act of the battle for Baghdad, but were nonetheless intended to shape the coming battle and reestablish allied momentum. American commanders have made no

secret of their determination to keep the pressure on Saddam.

"We just want to maintain the initiative," said Maj. Michael G. Birmingham, spokesman for the 3rd Infantry. "We don't want to dig in our heels here."

Momentum has been stalled in recent days by fierce attacks on allied supply lines. This has led to recriminations over whether allied commanders misjudged the willingness of Saddam's loyalists to resist and underestimated the size of the armed force needed to subdue them.

The American commander in the region, Gen. Tommy R. Franks, spoke publicly on Sunday in defense of his war plan, as did two of his superiors, Gen. Richard B. Myers, chairman of the Joint Chiefs of Staff, and Secretary of Defense Donald H. Rumsfeld.

Franks said that his war strategy was being misperceived by "pundits" who believe "we are in an operational pause."

"It's simply not the case," Franks said Sunday at his headquarters in Doha, Qatar. "There is a continuity of operations in this plan."

That continuity has been seen. It will be seen in the days ahead."

While there was no sign of any crumbling of Saddam's government, which vowed a wave of suicide bombings against U.S. troops, there appeared to be some momentum on Sunday for the allied forces. To the east, thousands of soldiers from the 1st Marine Division moved north from their static lines to engage Iraqi forces in towns along the highway approach to Baghdad, military officials said.

Early Sunday, Royal Marine commandos captured an Iraqi general and killed a Republican Guard colonel believed to be directing irregular forces that have fired on civilians trying to flee the city.

But the day was not without casualties. A Marine UH-1 Huey helicopter crashed in southern Iraq at a refueling station, killing three U.S. crewmen, a military spokesman said.

A British soldier was killed in fighting near Basra, 340 miles from Baghdad, and several others were injured, the Defense Ministry in London said.

# Shuttle Recorder Casts Doubt On Tile-Damage Crash Theory

By Matthew L. Wald

THE NEW YORK TIMES

WASHINGTON

Newly recovered data from a recorder on the shuttle Columbia raise doubts that the much-discussed tile was the site of the flaw that led to the shuttle's destruction, the chairman of the panel investigating the accident said Monday.

Instead, the data focus attention on the reinforced panels at the leading edge of the shuttle's left wing, said the chairman, Harold W. Gehman Jr., a retired admiral.

The new information, gleaned by 100 NASA engineers who spent the weekend laboring over data recovered from an old-fashioned magnetic tape, does not undermine a leading theory of the accident — that damage to the left wing, perhaps from debris that fell off the shuttle's external fuel tank during liftoff, doomed the orbiter.

But if the problem is eventually demonstrated to have been in the panels, made of reinforced carbon-carbon, then a hurried analysis of possible tile damage by Boeing, a NASA subcontractor, during Columbia's 16-day mission, would appear to have literally missed the point. During the mission, engineers on the ground worked frantically to determine whether the tiles could have been damaged enough to endanger the orbiter, but spent little time discussing the panels on the wings.

Still, if officials had asked for a photographic examination of the tile by ground-based telescopes or spy satellites during the mission, that might have located the damage to the leading edge. What could have been done to repair the part, or reduce the load during re-entry, is not clear. But pinpointing the location of the breach would also help NASA engineers determine what improvements can be

made to the surviving fleet.

Gehman also said on Monday that the new data hinted that the shuttle already had severe damage when it began its re-entry into the atmosphere, and not a minor flaw that was made worse by the heat of re-entry. Engineers had theorized that minor damage to the thin layer of protective silicon carbide on the panels could have allowed hot oxygen to begin eating away at the leading edge, but Gehman's comments suggest that this is unlikely. Damage before re-entry is likely, he said, because the data show extreme heating early, while the force of air passing over the wing was still quite weak. Gehman spoke in a conference call with reporters Monday afternoon.

The recorder, which contains data from hundreds of sensors that measure heat, vibration and strain, was recovered two weeks ago near Hemphill, Texas.

## WEATHER

### April Showers

By Nikki Privé

STAFF METEOROLOGIST

*Let there be wind, and wood, and rain,  
let fuzzy April come again,  
shaking her green head down in grief;  
let the moon cry in disbelief,  
and black night moan, and wet winds whine.  
—"The Firefly," Jane Stuart*

Boston finds itself in the midst of a battle between winter and spring this week. To the south, the mid-Atlantic area is expected to see warm, spring-like weather with highs in the 70s F (21–26°C), but to the north, a strong region of cold will develop in Quebec. Caught between these two areas, we will see only a slow warming as the week progresses, with unsettled weather and ongoing possibility of showers. Temperatures will remain several degrees below normal through mid-week.

#### Extended forecast

**Today:** Increasing clouds, chance of late afternoon showers. Highs around 42°F (6°C).

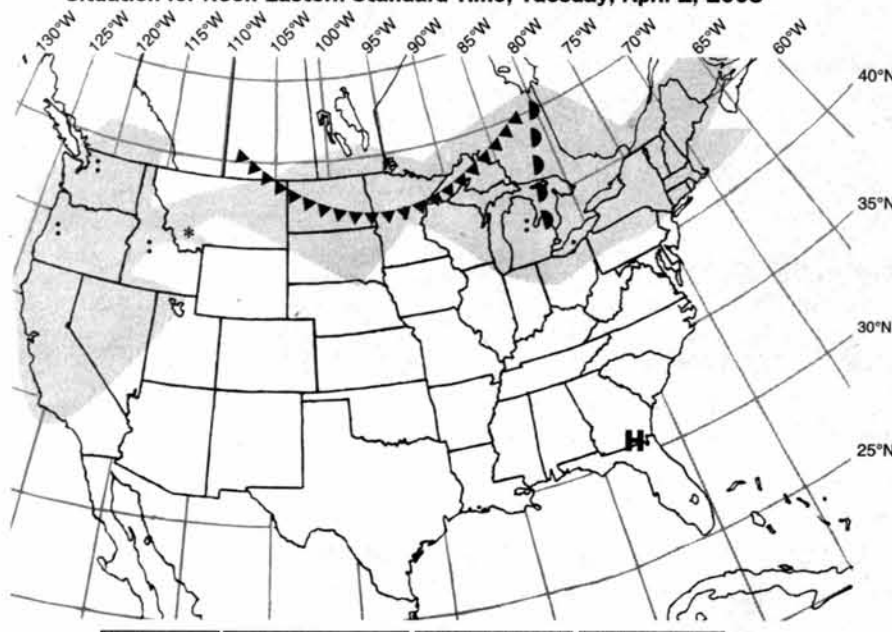
**Tonight:** Cloudy, chance of rain or snow, temperatures in lower 30s F (0°C).

**Wednesday:** Mostly cloudy, highs in the upper 40s F (9°C). Showers likely overnight with lows near 38°F (4°C).

**Thursday:** Cloudy continued chance of showers, highs in the upper 40s F (9°C).

**Friday:** Gradually clearing skies with lingering chance of showers highs in the lower 50s F (11°C).

Situation for Noon Eastern Standard Time, Tuesday, April 1, 2003



Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	— — — Trough	Snow *	Fog ☁
L Low Pressure	— — — Warm Front	Light *.	Thunderstorm ⚡
§ Hurricane	— — — Cold Front	Moderate **.	Haze ☁
	— — — Stationary Front	Heavy ***.	

Compiled by MIT Meteorology Staff and The Tech



# Last Car Takes Central Artery, As Long-Delayed Tunnel Opens

By Raphael Lewis and Mac Daniel  
THE BOSTON GLOBE

The old northbound Central Artery bowed out to its subterranean successor Saturday after a half-century in service, but not without frustrating thousands of drivers one last time with a monumental traffic jam.

Preceded by a brief ceremony attended by Senator Edward M. Kennedy, a grandson of the man for whom the John F. Fitzgerald Expressway was named, the switch came a day earlier than originally announced. The Interstate 93 north tunnel opened at 8:07 p.m. as state troopers started blocking off the old route and the words, "The 93 northbound, the new 93 northbound, is now open," crackled over their radios.

Matthew Amorello, the Turnpike Authority chairman, greeted two vehicles at that point: the last to use the old route, and the first to use the new route.

The last car on the former Central Artery northbound was a Dodge Intrepid driven by a Wareham man

who was taking friends to the airport. With a gaggle of reporters listening in, Amorello informed him he would be the last person to drive on the elevated Artery's northbound side. The driver replied, "Is it safe?"

Amorello also handed a hat and map to Steve Landry of Manchester, N.H., whose Black Monte Carlo was the first through the new tunnel.

After that, Landry toiled through the tunnel with a police escort, as hard hat workers stood to the side and waved and photographed the moment. The car then crossed the Zakim Bridge and disappeared into the night.

Sean O'Neill, the Turnpike's spokesman, said the moment was an emotional one, given the project's love-hate relationship with the public. "Personally, it's an amazing piece of history to be part of," he said. "Words can't express it. With all the challenges and the issues over the years, this is a great moment."

But for many on the roads Saturday, the moment didn't arrive nearly soon enough.

From about 8 a.m. until well after the evening opening, motorists coming in from the south were caught in a traffic jam that stretched into Milton, as vehicles were eventually herded into one lane for the entire downtown route.

Pete Sutton, an operations supervisor at Smart Route Systems, the driver information network, said the 9-mile trip from the Neponset River to the Tobin Bridge took at least an hour, and upward of 90 minutes, for most of the day.

"It wasn't a record, but if you're in one of those cars, you're going crazy," Sutton said.

Chris Hopper of Plymouth, who spent two hours driving from home to Causeway Street Saturday, called the situation "ridiculous."

But two Boston University students, Donna Elimele and Tracy Horowitz — who rode the elevated highway in a silver convertible with the top down — got into the spirit of the occasion. "Now we're part of history," Elimele said. "That's awesome."

# As U.S. Bombers Pound Baghdad, Iraq Talks of Defeat for Invaders

By John F. Burns  
THE NEW YORK TIMES

BAGHDAD, IRAQ

With U.S. units pushing closer to Baghdad and Saddam Hussein's presidential compound once again under relentless bombardment, the Iraqi leadership on Monday put on a show of redoubled defiance and promised U.S. troops "death in the desert."

When Iraqi government ministers emerged Monday to spread their message of doom for the coalition war effort, there was something different about them — something even more strident, more polemical, more pugnacious, and more edgy than usual.

As the ministers told it, this reflected new successes for Iraqi fighters amid the palm trees and grainfields of the Euphrates river valley, the center of the battlefield for the U.S. troops advancing from the south, but it was not difficult to think that this might not be the full story.

"The Americans are telling a lot of lies; lying is the golden rule of the American administration," said Naji Sabri, Iraq's foreign minister. "We shall turn the desert into a big graveyard for American and British troops," he said.

The British, Sabri said, already had graveyards here from Iraqi uprisings against their colonial rule, "and now they will have other graveyards, where they will be joined by their friends the Americans. Those Americans who will not surrender to us will face nothing but death in the desert, or else they will have to flee back to their puppet regime in Kuwait."

At times during the news conferences at the Palestine Hotel, the building shook from the sharp detonation of a bomb striking. The Iraqi officials, unperturbed, or at least determined to be seen as being unperturbed, affected not to notice.

To Iraqi loyalists, this no doubt seemed like defiance of the invader at its best. To others, there was the thought that the insistent indifference to the bombs might be a metaphor for something else — perhaps an unwillingness to look at matters in any way that could presage an outcome other than victory for Saddam and those around him, like these officials, whose prospects, and perhaps lives, depend on Saddam's somehow confounding the allied onslaught.

One difference was that Sabri and the information minister,

Mohammed Saeed al-Sahhaf, made virtually no reference to Saddam, although they stood beside a large, flatteringly youthful-looking portrait of him that dominated the cramped media room at the hotel. Another was that their remarks took place against the intrusive, off-stage percussions of the American bombing and the sporadic Iraqi anti-aircraft fire that, so far, appears not to have downed a single American warplane over Baghdad, despite bomb and missile strikes that exceed 1,000 since the initial attacks a week ago on Thursday.

Nor did the Iraqi officials mention U.S. units that Monday pushed as far north as Hindiyah, a town on the Euphrates that is barely 50 miles from Baghdad.

Instead, al-Sahhaf, the information minister, spoke of a new Iraqi offensive over the previous 36 hours that had, he said, brought disaster to American advance parties seeking to outflank Iraqi forces by moving off the main roads north to Baghdad and setting up camouflaged hideouts in the desert. From these hideouts, he said, the Americans had harassed Iraqi units from the rear, and sought to create the impression that the Americans were further forward and in greater strength than they were.

# U.S. Soldiers Kill 7 Women, Children After Vehicle Fails to Stop for Troops

By Bernard Weinraub  
THE NEW YORK TIMES

5TH CORPS HEADQUARTERS, KUWAIT

The Army announced Monday night that seven women and children were killed Monday afternoon by U.S. soldiers after a vehicle in which they were riding failed to stop when troops from the 3rd Infantry Division waved them down and fired warning shots.

The Army said an investigation of the incident was underway. Two other Iraqis were reported wounded in the incident, which happened near the southern city of Najaf, the same city where a suicide car bomber killed four soldiers of the 3rd Division at a checkpoint on Saturday.

On Sunday, tensions further increased when 13 soldiers waiting in line were injured, one seriously, when a pickup truck slammed into them at a post exchange at an Army camp near the Kuwaiti border.

The driver of the truck, a contract worker at the camp, was shot in the shoulder and the chest by a military

policeman and another soldier who was standing in the line. It was unclear if the driver's actions were intentional and, if so, what his motive was. The Army has not released further details.

In a statement Monday night, the Army said that at 4:30 Monday afternoon, a civilian vehicle approached a military checkpoint on Route 9 near Najaf.

The Army said soldiers at the checkpoint motioned for the vehicle to stop but were ignored. The soldiers then fired warning shots, which were also ignored by the driver, the Army said.

The soldiers then fired shots into the engine of the vehicle, "but the vehicle kept moving toward the checkpoint," the Army said.

"Finally, as a last resort, the soldiers fired into the passenger compartment of the vehicle," the statement said. Upon further investigation, the Army said, it was determined that 13 women and children were in the vehicle. Seven of the occupants were

killed, two were wounded and four were unharmed.

The U.S. military has warned personnel in Iraq and Kuwait of possible attacks against soldiers and Marines, including attacks by suicide bombers. The Iraqi foreign minister said Monday that 5,000 volunteers from 23 Arab countries were ready to serve in suicide missions against the invading U.S.-British coalition.

U.S. troops have been warned to be especially careful at checkpoints as cars approach them. Guards at checkpoints have been told to follow specific procedures as civilian cars approach: Ask the driver to halt; fire a warning shot if the driver continues; then aim fire at the car to stop it, and then, if necessary, shoot and kill the driver if he fails to halt the car and poses a direct threat.

The Army has begun strengthening roadblocks and making plans to install barriers at checkpoints. Soldiers have also been warned to be constantly aware of the potential for attack by Iraqis in civilian clothing.

# Scientists Track Mystery Ailment

By Lawrence K. Altman  
THE NEW YORK TIMES

It took only a few dry coughs to spread a mysterious respiratory illness to clusters of health workers in Asia and to kill Carlo Urbani, 46, the World Health Organization doctor who first identified it. And it took only a few airplane passengers for the illness to reach 15 countries in Asia, North America and Europe.

Now, one person has apparently spread the illness to scores of residents of an apartment complex in Hong Kong, and the government has put the entire complex in isolation and closed all schools. In Toronto, two hospitals have been closed to new patients.

The patterns of transmission raise the possibility that the illness, known as SARS for severe acute respiratory syndrome, can be spread through the air or contaminated objects as well as close face-to-face contact. The events justify the bold alarm that WHO set off on March 15 when it declared SARS "a worldwide health threat," at a time when cases and deaths were few in number. The organization then hastily created a network of 11 infectious-disease laboratories in nine countries to track down the cause of SARS. Officials at WHO, a U.N. agency, cannot recall the last time the agency has issued a global alert for an acute outbreak of a disease. The agency has long had networks of laboratories for influenza and other diseases, but such networks have rarely been pressed into emergency service.

In less than two weeks, with an alacrity and a degree of cooperation seldom seen in science, the laboratories identified two previously unknown viruses as the leading suspected agents. (They belong to the coronavirus and paramyxoviridae families.) But because of the danger of the illness, WHO is restricting research on it to its network. All laboratories in the network operate at the second-highest hazard level, known as P-3, reserved for all but the most deadly pathogens.

Far from being the last link in the discovery process, identification of a new virus in a laboratory is only the first of many steps needed to prove that a suspect virus actually causes a disease. It is likely to take weeks more to determine which virus, singly or in combination, actually causes SARS. In that time, the leading suspects may be displaced by other candidates.

For now, the leading suspect is a coronavirus, though proof is far from certain. The family takes its name from the crown of spikes that surround the spherical virus. Known coronaviruses cause the common cold and are suspected of causing diarrhea and other intestinal illness in humans. Though pesky, the ailments are rarely fatal. But in animals, coronaviruses can cause devastating illness among cats, dogs, chickens, pigs and cattle. Hardy coronaviruses can survive outside the body for up to three hours, allowing a contaminated object to spread infection. "Many people have been very blasé about this outbreak, but they are coming to realize it is more important than just any old common cold or some stomach bug that you might pick up on an overseas trip," said Dr. Mark W.A.P. Salter, an infectious disease specialist and a leader of the SARS investigation.

Scientists have gained a significant, though rudimentary, knowledge of SARS in a short time. For example, they know the hallmarks of the disease, which are a fever of 100.4 degrees or higher, chills, muscle aches and dry cough. They also know the average incubation period — the time it takes from exposure to symptoms — is about 4 days, ranging from 2 to 10. Scientists also know that no drug is effective against SARS. Its spread can be prevented by having health workers wear masks, gowns, gloves and goggles, and by isolating patients.

To prove that a virus identified in the laboratory causes SARS, scientists must develop diagnostic tests to determine how often it was present among patients in the outbreak and at what stage of the illness it appeared. Those steps require collecting and testing specimens from patients in various stages of the disease and from their contacts, and will further strain the taxed network, said Dr. Klaus Stohr, the scientific director of the SARS investigation.

On March 17, WHO set off a frenzy of activity by creating the network, which involves hundreds of scientists, after its officials, including Dr. David L. Heymann, the executive director in charge of communicable diseases, became deeply concerned about a small number of outbreaks in Hong Kong and Hanoi.

The first flare went up in February, after a rare avian strain of influenza killed one person and sickened another in Hong Kong. The same strain had infected 18 people in 1997, killing 6, when health officials feared it might set off a pandemic of influenza similar to the one that occurred in 1918-19.

The second flare came in Hong Kong on March 13, with the death of an American man who had been transferred from a hospital in Hanoi. The man had been admitted on Feb. 26 for breathing trouble. Soon, a large number of workers in the affected hospitals in Hanoi and Hong Kong developed similar symptoms.

Then, WHO epidemiologists began to wonder whether the 305 cases of a respiratory illness (five of them fatal) that Chinese officials had reported in Guangdong province from November to February might have been related to the Hong Kong case.

"Everyone was thinking, Perhaps we are looking at a new type of influenza virus," Salter said. But tests in a Japanese laboratory that received specimens taken from the ill American man excluded many infectious agents, including all known strains of influenza.

The WHO laboratory network includes some that were situated near the affected hospitals and others, continents away, with experience in working with dangerous viruses. The organization also set up a secure Web site for members of the network to discuss their findings in regular teleconferences.

In the first of a series of telephone and Web reports, on March 19, laboratories in Germany and Hong Kong reported finding evidence of a member of the paramyxoviridae family on electron microphotographs of specimens from the small but growing number of patients who were becoming ill with SARS.

A day or two later, two network members reported that their scientists had seen electron microscopic evidence of a coronavirus. Around March 20, Canadian scientists reported evidence in a few patients hospitalized in Toronto suggesting that the cause was a second member of the paramyxovirus family — a metapneumovirus that differs from the paramyxovirus detected earlier. But because this is the peak season for metapneumovirus infections, network scientists have debated the significance of the finding and have since dropped that virus to a distant third on the list of SARS suspects. Now laboratories in at least eight countries have isolated the coronavirus from a number of patients, including two in the United States, said Dr. James M. Hughes, an official of the Centers for Disease Control and Prevention.



# OPINION

## In Favor of Affirmative Action

The Supreme Court will hear arguments today in the cases of *Grutter v. Bollinger* and *Gratz v. Bollinger*, both of which address affirmative action. Both cases involve admission to the University of Michigan, one to its law school and the other to its

### Editorial

College of Literature, Arts, and Sciences. These cases threaten to roll back the 1978 decision in *Board of Regents v. Bakke*, in which the court ruled that race-based admissions are constitutionally valid if they are narrowly tailored and they demonstrate a compelling state interest. The court's upcoming rulings in *Grutter* and *Gratz* have the potential to affect admissions decisions at universities nationwide. President Vest recently filed an amicus brief, with which *The Tech* agrees, supporting Michigan's policies.

In the brief, MIT and its co-signers argue that diversity in the scientific and engineering workforce is essential for economic growth. Facilitating access to higher education is crucial in order to keep the science and engineering employment pool strong. It is reassuring to see that leaders in education such as MIT and Stanford, as well as corporate technological leaders like IBM and a host of others, stand behind policies that strengthen diverse accessibility to the invaluable resources found in higher education. *The Tech* is further pleased to see MIT student involvement: in addition to protesting locally, over 100 students travelled to Washington, D.C. to demonstrate support for the University of Michigan today.

Those opposed to affirmative action chiefly hold that it discriminates against qualified, meritorious candidates. Yet that contention falls apart under any realistic examination of the

admissions process and the ability of flat numbers to reflect merit. If numbers truly could purely determine merit, college admissions could be reduced to a math problem, and Dean of Admissions Marilee Jones could sleep more easily. Upon acknowledging that more careful consideration than only examination of GPAs and SATs is necessary in admissions, we need only acknowledge that different races face different experiences in America to see that race and socioeconomic conditions deserve consideration in the admissions process.

College admission is based on many factors, academic and otherwise. Refusing to allow universities to consider race as they admit students in effect tells universities, as Vest puts it, that "you can consider everything, but you can't consider this." Tellingly, critics of affirmative action have been utterly silent regarding legacy admissions policies, precise logical equivalents of affirmative action that confer benefit not on those statistically likely to have faced hardship because of race, but on those statistically likely to donate money. Leading academic institutions like MIT could face intense legal battles over admissions policies should Michigan's practices be ruled unconstitutional. We hope that MIT will continue to defend its own admissions policy.

Vest, among others, seeks to demonstrate that there is a compelling state interest for affirmative action. It is now up to the Supreme Court to set a course for the future of higher education admissions policies across the nation. The consequences of a ruling that denies the role of race in admissions could be frighteningly dramatic.

*Jeremy Baskin, a member of the Committee on Undergraduate Admissions and Financial Aid, has recused himself from this editorial.*

## Letters To The Editor

### A Case of Theft

An effort was created by Gayle C. Willman and other members of the MIT community to help our soldiers and their families during this time of crisis. The effort was called Operation Shoebox, and it focused on collecting hygienic supplies, books, and other items of which the soldiers and families were greatly in need.

Between March 27 and 28, items placed in a collection facility outside of the Alumni Association's offices in Building 10 were stolen throughout the days — even the bag containing the donated items was taken by mid-day on Friday. The collection facility was clearly labeled, and the bag of my donations was clearly labeled and secured when it was dropped off.

While many people may have differing opinions on the stance of the United States government, the items collected in this effort were for the soldiers and their families. It would be the same as collecting food for a shelter and having someone steal the food — or stealing Christmas presents from the Salvation Army during the holiday season.

I hope through the next few weeks as Operation Shoebox continues, the campus community will respect the effort currently being undertaken. I also hope that those who stole the items out of the collection facility feel ashamed at their actions. It is disrespectful of the generous people who donated the items, as well as disrespectful of those who were going to receive them.

Sherry Colombaro

### Not in This Name

I'm writing to object to your headline of Friday, March 21 ("MIT Walks Out Against War"). Associating all of MIT with the actions of a few seems inappropriate to me.

As a member of an unrecognized club sport, I have been made painfully aware of how stringently MIT guards its name from unauthorized usage. The sentiment expressed by the walkout was certainly not one held by a majority of MIT students: Even if all 2,000 college students present at the protest had

been from MIT, that still wouldn't be even close to a majority.

Regardless of my own personal opinions about the war in Iraq, I find it highly obnoxious for the protesters to claim my support by using the MIT name. In the words of the protesters themselves: "Not in MY Name."

Tom Wilson '05

### On the 8.02 TEAL Petition

During the 8.02 staff regular course meeting on March 19 that afternoon we had a chance to discuss the petition as a group, and to address the issues the petition raised. Below is a summary of that discussion.

The Physics Department is moving away from a format for teaching 8.02 that historically has had a 40 to 50 percent attendance rate, even with spectacularly good lecturers, and a 10 to 15 percent failure rate. In its place we are introducing a format which: (1) presents the concepts in electromagnetism through short "lectures" and visualizations; (2) develops problem-solving skills through guided workshops, carried out with the opportunity to work with peers and discuss with instructors; (3) provides experience with electromagnetic phenomena and with experimental procedures through the experiments.

The TEAL format is more challenging in that it presents all of the analytic and conceptual development while adding the crucial educational dimension of experimental investigation. Accomplishing this requires that students assume more responsibility for their learning, and adapt to a different teaching/learning experience.

The department is making this transition in a deliberate and careful manner. We have taught in this format twice before, Fall 2001 and Fall 2002, to generally good student reviews. We have been carrying out a detailed assessment of the format from the outset. Our results show across-the-board improvements in conceptual learning in the 8.02 TEAL format, for all ranges of student abilities, as compared to the lecture-recitation format. Many studies of "active" versus "passive" learning environments at other

universities replicate these findings.

Although the intellectual level of the TEAL version of 8.02 is appropriate and ambitious, moving to a class size of around 600 students is always a challenge, and the present format does need fine-tuning. The entire staff has discussed this weekly, and we designed the focus groups and the online questionnaire the week before spring break to get direct student feedback. We have also gotten a range of feedback directly from individual students, and we are meeting on April 3 with the UA Student Committee on Educational Policy for input based on their open meeting on 8.02 TEAL. As you read in *The Tech* ["Students Petition Against TEAL," March 21], we are planning at the least the following changes:

Allow more time for the experiments and put them more in context.

Reduce the PowerPoint "overviews" in favor of more board work.

Grade some of the workshops quantitatively.

We continue to value and encourage student input of all kinds. Our intent is not to just try something different, but, based on accumulated experience here and elsewhere, to make a real improvement in the quality of undergraduate physics education at the Institute.

John Belcher  
Wit Busza  
Peter Dourmashkin  
Michael Feld  
Eric Hudson  
Justin Kasper  
David Litster  
Ernest Moniz

## Erratum

A March 21 photography spread ["Students Leave Classes to Protest," Page 10] misstated the order of captions and included two erroneously. The captions were in counter-clockwise order, not clockwise. The last two captions referred to photographs that were actually on the back page.

### Opinion Policy

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# Creative Alternatives

Alexander H. Slocum

On Thursday, March 20, at about 11:25, the final technical-content lecture portion of course 2.007 was completed. I told the students that I would then answer students' design questions so the entire class could hear and benefit; and then, if time remained, I would join students in the shop to help them work on their machines. I also told the students that I respected the rights of any students who wanted to join the protests and they should feel to leave if they so desired. Some students left, and some students asked questions. Others stayed to hear the questions (and answers). I personally refrained from any political commentary.

I then left with many other students for the lab to help students with building their machines, because that was the focus of my responsibility at the time. I must say that as I walked down the corridor and passed people carrying signs and beating drums, I was in awe of their emotion and apparent determination. Then, because I am a geek, I did some quick estimates regarding the amount of effort put into organizing the protests, and I nearly found myself in shock thinking of the energy and determination that was being expended.

Maybe more reciprocal thinking on all sides is in order. What if all the effort put into protesting, and resisting such protests, after a war starts was put into developing and presenting creative

alternatives before the war? Protests are not heard by leaders as much as are well-thought-out logical alternatives endorsed by a large cross section of the world's people. For example, merely saying "give the weapons inspectors more time," or "they had their chance" ignores history. How about "give the weapons inspectors more time, and while they are inspecting, we will focus on working with the Israelis and the Palestinians to create happiness for all." (I do see that a LOT more detail is needed here, that is, what all of us should have been/be doing). Sadly, all too often polarized far-right or far-left views are emphasized.

*I then left with many other students for the lab to help students with building their machines, because that was the focus of my responsibility at the time. I must say that as I walked down the corridor and passed people carrying signs and beating drums, I was in awe of their emotion and apparent determination.*

I believe that if we geeks had really been living up to our full potential, there might not have been a war. I believe it was Mark Twain who said that nowhere else but in school do we have so many minds working to solve so many problems that have been solved so many times before. Imagine what would happen if more

courses' problem sets had students working on solutions to moral, ethical, economic, and engineering problems associated with laying the foundations for peace. Could the urban planners and economists have been designing the new country of Palestine while the political scientists created a framework for a democratic government, while the civil engineers designed the infrastructure and the mechanical, electrical, and chemical engineers created products for the region to be built in new factories?

That is the real challenge, for students and teachers from all over the world to work together to redefine how we practice and apply the fundamental principles of life, engineering, and science so that there is less repetition and more creative useful investigation. If there is to be peace, we must first untangle ourselves from the double-sided duct tape that sticks us to the same old patterns of history. It may be something of a shock to politicians to think that students and teachers could actually create real implementable solutions, but when they see what we really can do, they will likely be in awe. This can only happen, however, if we all stick together.

Alexander H. Slocum '82 is a MacVicar Faculty Fellow and a Professor of Mechanical Engineering.

*What if all the effort put into protesting, and resisting such protests, after a war starts was put into developing and presenting creative alternatives before the war?*

# The Educational Airplane

William Li

TEAL has passed a rough month. Clearly, students' patience with the new teaching system has worn out almost completely. As frustrations reach new levels, the push for reintroducing the old class format, in place of or alongside TEAL, is quickly gaining support. The recent petition, signed by over 150 students and submitted to the physics department, is the latest and most visible show of active discontent by the students.

However, as I struggled to determine the position I would take in the ongoing protests, I grew only more excited about the implications of TEAL. I realized that the driving force behind the class, the innovative, if not yet revolutionary approach to teaching, goes beyond 8.02 itself, and beyond even our institution. It is a sweeping move to transform teaching philosophy. Putting aside the issue of whether the change is for the better, or whether a change is even needed, the fact that the idea carries with it the potential for fundamentally changing something so important should prompt intelligent, open-minded discussions, rather than a dismissive "TEAL sucks" attitude.

I can certainly relate to the discontent felt by my classmates, and I share in their disappointment with particular aspects of the class. However, we should step back and take a radically different perspective, because TEAL is a radically different idea. Borrowing a term coined by Professor Seymour A. Papert, co-founder of the Artificial Intelligence Laboratory here at MIT, I feel TEAL has the possible makings for an "Educational Airplane."

The giant leap in thought that resulted in the invention of the airplane is an analogy for the type of ideas that drive human progress. In one of his articles, Dr. Papert explains "The Parable of the Jet Powered Stagecoach." The parable begins by assuming a hypothetical situation in the early 19th century, when travel through air was unthinkable and thus the idea was not pursued. Therefore, even if one had successfully

built a jet engine, the thought would have been that it would be best used to improve the horse carriage, by attaching the engine to the coach, somehow. Without someone to propose the unheard of — that the future of travel lies in the air, not on the ground — all our technology would have done us little good.

From this amusing yet highly instructive analogy, we see that breakthroughs do not always come about by merely adjusting the old. Instead, it is the leaps in thought, the overhaul of traditional thinking, that brings about something truly revolutionary. Not all radical ideas can or will result in changes for the better, but without them, no progress can ever be made. While ideas may be plentiful, an idea that can make a potential move into uncharted territories is rare. Once a generation, when one of these ideas pushes through, society makes another leap forward.

TEAL is one of those ideas that can potentially lead a pioneering effort into using technology enabled learning. It redefines the role of teacher and student, restructures the standard homework-and-test curriculum, and replaces the concept of a lecture-oriented class. This is why we cannot view TEAL through our old standards and ideas about teaching, because it is unlike anything we have traditionally accepted.

Nevertheless, the complaints against TEAL are valid. In fact, it is encouraging to see that students at this institution refuse to compromise the quality of their education. Admittedly, there are many problems associated with TEAL as it stands now, some of which are quite serious. However, it is important to distinguish between problems that are inherent in this new teaching approach, and those that result from difficulties in implementing the new system. If it is a case of the latter, students should be more understanding than they currently are. New technologies, new policies and new methods of doing things have always needed a period during which they could evolve into something acceptable to society. I'm sure it took many years for the public to embrace the idea of commercial

flight, even after the Wright brothers first proved its possibility.

Even if we can establish that TEAL is a potentially revolutionary idea worth pursuing, the complaint still remains that it is unfair for the more than five hundred students currently enrolled in 8.02 to suffer through the experimentation process. A common suggestion is that a choice should be offered between normal 8.02 and 8.02 TEAL. I support this suggestion only on the basis that more choice is almost always better than less. With more variety, more people are satisfied. However, I challenge those who would opt for regular 8.02 to seriously reconsider their options. For those who favor the traditional lectures, I don't see how the taped 8.02 lectures, readily accessible online, are any less of a substitute. If anything, they're better, since one can view them at one's own convenience and comfort.

This brings up an interesting discussion about how in-class time should be spent. It seems to me that it would be most productive if class time were spent only on what would be irreplaceable outside of it. Under this system, recitations and labs should be strongly emphasized because they present unique opportunities for learning not present anywhere else. However, as more lectures become available online, lecture halls will become a thing of the past, replaced by the single room necessary for taping them.

TEAL fits perfectly into this vision. Its emphasis on active learning, which involves experiments, group work, and immediate feedback through the Public Response System, makes class time invaluable. Outside of class, students can learn through the abundance of resources available to them, including taped lectures, study guides, worked examples, PowerPoint slides, workshops, and Public Response System questions. It is truly amazing there are still those who can say TEAL does not offer choice, or that it leaves students on their own. On the contrary, it is one of the few classes where I can say the faculty and staff seem to be actively concerned with their students.

In order for TEAL to fulfill the promise of the great idea behind it, a lot of not-so-fine tuning is still in order. In fact, the process will continue for years. Nevertheless, I would much rather ride along on the ups and downs of a budding idea than remain stagnant.

# Hate in the Middle East

Simon W. Barker

As the Palestinian Israeli conflict continues, both the Israelis and Palestinians continue debasing themselves through acts of violence that kill innocent people. President Bush will soon lay down a framework for peace in the hope that the gulf between both sides can be bridged. The key to its success will be to stop the hatred that is being created on both sides. My own experience is with the hatred the Palestinian community carries.

Last summer I taught English in El Buss, a Palestinian Refugee camp in Southern Lebanon. These people were among those who fled Palestine in 1948 and 1967, expecting to return to their homes within weeks but always being prevented from doing so. There are 600,000 registered refugees outside Palestine; many are third-generation refugees and the tents in which they initially took refuge in have become sprawling concrete settlements. They can never be part of what would already be an overcrowded Palestinian state, and even if they could be it is no more their homeland than the refugee camps where they are currently living. In this sense they were not only betrayed by the Balfour declaration in 1917, a British document which favored a Jewish homeland in Palestine, but were also betrayed when their leaders signed the Oslo accords.

The people in El Buss were luckier than most of the refugees in Lebanon because it wasn't yet desperately overcrowded. I lived within the camp and when we weren't teaching, our small courtyard became a temporary kindergarten for the local children. The young children played, laughed, colored pictures or tried to teach us Arabic. While living and teaching within the camp however I saw how early the children were confined by the situation into which they were born.

The Lebanese Government won't let the Palestinians refugees in Lebanon work professionally or build better homes within the camps

*Not only did people there live in appalling conditions, they also lived without hope of escaping them.*

(or own land outside them), and it levies higher fees upon Palestinian refugees who study at University. It is a policy created because Lebanon, with its delicate politics, cannot cope with the number of refugees, and wants Israel and the international community to be responsible. Although the United Nations Relief and Works Agency for Palestine Refugees does some welfare work, it can't solve the problem. People I met of my own age were despondent and had little hope. They had no means of improving their lives or leaving the camps to which they were condemned them. However, I spoke to many people about how they felt about Israel and most wanted to return home and live there alongside the Jewish community.

I traveled to the refugee camps in Beirut one weekend; there, even amongst the younger children there was no hope left. Buildings stumbled up four or five stories into the air leaning out to meet each other and left just a sliver of light to touch the stench of the dirty streets below. Not only did the people there live in appalling conditions, they also lived without hope of escaping them. A hatred of Israel propagated easily through the people in these conditions. In all the camps I visited there was the striking correlation between the conditions in which the Palestinian people were trapped and the hatred they bore. All those I met wanted to return to Palestine, but those forced to live in the filth of Sabra and Chatilla want to hurt rather than find peace. The same relationship is often true in the occupied territories. While the oppression of Palestinians continues, there will be a constant stream of volunteers eager to sacrifice themselves in their hate and despair.

Peace will not be achieved by beating, or bombing, a people into submission. It won't be found with the latest weapons, the best trained army, or degrading policies. If it is to succeed it must include everyone and be based on giving people the opportunities and freedom we take for granted in the United States and United Kingdom. The accumulation of over 50 years of hate and violence will make the process long and difficult, but the way forward must elevate both communities, not debase them.

Simon Barker is a CMI exchange student.

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mind?



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## ARTS

## And the Winner is ... Not the Academy

## I'd Like to Spank the Academy

By Amandeep Loomba  
STAFF WRITER

**B**y now you've all already figured out that the Academy Awards are not there for you to find out what subset of last year's films were necessarily better than all the other films released last year. And they're not there to give recognition to the Hollywood megastars who so richly deserve recognition on top of their grossly bloated salaries. And this year, they weren't even there to let us see which actress wore the most garish gowns, or which songstress came dressed in a swan, since the opening red carpet business was cancelled due to world events.

So why are the Academy Awards there? Are they there just to remind us how remarkably shallow, commercial, and bereft of originality the American film industry is? Perhaps, but that is a wholly cynical view. Cynical as I am, I have to admit that the Academy gets it right from time to time.

For example, they made the right selection this year (from the five nominees, at least) in the best picture category by picking one of the most cynical pictures released last year. *Chicago* is easily one of the sharpest, cleverest pictures I have ever seen. Compared to another recent over-the-top musical release,



FOCUS FEATURES

*Moulin Rouge!*, which boasted that warm feeling of having been written by a schoolgirl, *Chicago* is simply brilliant and, above all, great fun.

Granted, it's easy to write about the Academy Awards after they've already taken place. I hadn't seen enough of the films nominated for 2002 to make any sort of predictions or judgments about which films would win and which should win. The truth is, I don't want to. Who has the patience to sit through something with the self-importance and interminable length (166 minutes) of *Gangs of New York*? It seems as if the film is a test to see who can keep from bursting into laughter every time Daniel Day-Lewis shows up onscreen with that absurd moustache and stovepipe hat.

Instead of allowing a picture like *Gangs* to participate against other worthy films for best film of the year, it should have simply been awarded "Best Martin Scorsese Film" and been forgotten. If you're really interested in heralding 2002's best picture, why not take the time to look at films where the director was trying something new?

How about, for example, *Punch Drunk Love*? Effectively ignored by the Academy, all of whose members probably took an oath never to nominate a film starring a former *Saturday Night Live* cast member, *Punch Drunk Love* was easily the most fresh and engaging film released last year. Or, for a whole different set of neuroses, *Adaptation*, which bizarrely lost in its home

court, best adapted screenplay (to *Chicago*), and was entirely overlooked for best picture.

In fact, 2002 was just a remarkable year for films about lovable neurotics, but the Academy somehow completely missed the wonderfully twisted *Secretary* and its stellar performance by Maggie Gyllenhaal. Likewise, they overlooked her brother Jake's performance (along with top-notch performances by Dustin Hoffman, Susan Sarandon and Aleksia Landeau) in the sweet and unpretentious *Moonlight Mile*. Not at all surprising, considering they previously neglected the 2001 masterpiece in which both Gyllenhaals starred, *Donnie Darko*.

The best performance by any actor last year was without any doubt at all Andy Serkis as Gollum in *The Two Towers*. But, probably because the performance manifested itself onscreen as a computer-generated character, the Academy did not even nominate him, generating a fair amount of controversy.

Further controversy was found in the best documentary feature category, which saw bombastic Michael Moore win for *Bowling for Columbine*. Now, don't get me wrong, I'm a born leftist and firmly opposed to the war. As such, I know for a fact that the last thing the Left needs is its own Limbaugh, a paranoid propagandist who manipulates his audience and never considers fact-checking. This error was especially egregious in a year of such great documentaries as *Scratch*, *Comedian*, *Standing in the Shadows of Motown*, and *The Trials of Henry Kissinger*, none of which were even nominated.

In the animation category, the Academy once again got things right by awarding *Spirited Away*. I can't even imagine why drivel like *Ice Age* and *Treasure Planet* were nominated. In truth, *Spirited Away* was by far the best picture released in any format in any country last year. Unfortunately, America doesn't seem ready to accept animation as a legitimate art form just yet, and *Spirited Away* never made it to the best picture category.

If the Academy Awards actually meant anything, they would have awarded best picture of 2002 to *Spirited Away*, dispensed with all the other awards, and shown the film on TV uncut, unedited, uninterrupted and certainly undubbed. That would at least give American audiences a chance to think about why the film is the most successful film in Japan, ever. Unfortunately, they stuck to their old ways (and received some of the lowest ratings in the award show's televised history).

The Academy Awards already have the honor of being the most respected and coveted of all the ceremony awards; perhaps someday they will do something to deserve that honor. Until then, important, world-

wise films such as *Super Troopers* will remain in obscurity while nonsense like *The Hours* gets continual recognition.

By Jed Horne  
STAFF WRITER

**D**idn't catch the Oscars this year? If the Nielsens don't lie, you're probably not alone. Maybe it was the absence of the traditional "red carpet" — a lame nod to something-or-other. Maybe this is our new-found, post-Sept. 11 intolerance for frivolity — just about two years too late. Maybe there just weren't that many movies worth watching this year. Maybe movie stars are just human beings — nah, too far fetched. Maybe I'm getting a little carried away.

Whatever the reason, this year's festivities just didn't quite have that ... "magic." But no matter, these things are twice as fun when they suck, ratings be damned. So for those of you who couldn't bear the schmaltz or were too busy hiding in a bunker, I've caught the best moments of the entire debacle, right here for you to peruse.

Let's start with *People Magazine's* favorites:

Worst Dressed Female: The evening got off to a beguiling start when Cameron Diaz gave the award for best animated film dressed like a cross between Courtney Love and the evil queen from *Snow White*. Should have stuck to the dumphy-housewife look from *Being John Malkovich*, Cammy. At least back then you could land a role in a decent movie.

Worst Dressed Male: Sean Connery's waning charm wasn't quite enough to overcome the audacity of his shirt ruffles, panned later by host Steve Martin as "Red Lobster" style. Martin's comic wit has always impressed me — the best I could come up with on the spot was "Captain Hook" style.

Worst Dressed Band Members: Apparently, Paul Simon's backup band includes Desmond Tutu on sax and a Hell's Angel on bass.

Dressing up is a lot of fun, but only if you've got the body to go with it. Despite Steve Martin's claim that celebrities are "thin or skinny," a few overweight movie-stars got on my year-best list:

Most Pissed Off-Looking Celebrities: The best part about Chris Cooper and Catherine Zeta-Jones winning the best supporting role statues were the looks on the losers' faces.

Christopher Walken looked like he could kill someone. Kathy Bates, less menacing but twice as large, just looked hungry.

Weirdest Duo: A very pregnant Catherine Zeta-Jones and a just-plain-fat Queen Latifah were fantastically obnoxious in their performance of some song from *Chicago* (did I mention I hate musicals?). Somehow I don't think they could have made it any less annoying even if they had been able to hit all the notes.



COLUMBIA PICTURES

Largest, Most Self-Indulgent Asshole: Über-fatso Michael Moore, apparently tired of picking on actors actually diagnosed with Alzheimer's, brought his traveling circus to a room full of run-of-the-mill morons when he won the Best Documentary Oscar. I might add that the boos were a refreshing addition to the score — at least you couldn't hear.

Speaking of indulgence, it's always fun to try to spot the self-promotions not so skillfully woven into the proceedings:

Worst Plug of a Dumb Movie: Nia Vardalos, introducing the award for makeup artists, belted out "ever since the ancient Greeks discovered cosmetics ..." The only thing less funny than that quote was her *Big Fat Stupid* Movie.

Best Inadvertent Film Promotion: *The Danes*, who won for Best Short Film, looked just like the nihilists from the *Big Lebowski*. It's a shame they had to leave their pet marmot outside.

Speaking of snooze-fests, I'm a little upset that Philip Glass didn't win for his score for *The Hours*, mostly because the other winners

could have learned something from his speech — it would have been exactly one word long. Here's the worst of those who did win:

Worst Acceptance Speech (male): Best actor winner Adrian Brody stormed onto the stage, French-kissed Halle Berry, and then proceeded to babble: "making this film made me very aware of the dehumanization of war ... whoever you believe in, God or Allah, let's pray for a quick resolution ..." I was praying for quick resolution, all right — to his speech.

Worst Acceptance Speech (female): Apparently junk-crazed, Nicole Kidman broke down on stage and started crying. It only got worse when she managed to pull herself together: "There is a lot of, uh, problems in the world and since 9/11 a lot of, uh, families losing people ..." Must be sort of like divorcing Tom, eh Nicky?

Worst Introduction: Ben Affleck was introduced as "that Oscar-winning daredevil." Not sure I care to comment on that one.

Most Incomprehensible Speech: About all I could make out of Almodovar's acceptance speech for Best Original Screenplay was something about international law. Maybe I was too busy laughing at his haircut — sort of like the Bride of Frankenstein with mange. This guy slept with Antonio Banderas? Hey, at least he deserved the Oscar.

Weirdest Opener: The only thing funnier than Geena Davis' opening quote was the stony silence of the audience after she delivered it. "A star asked a sculptor: how did you make such a wonderful likeness of me out of this block of granite? He replied: I chipped away everything that did not look like your highness." Huh?

All in all, not a bad time. It's always great watching a bunch of trained monkeys stumble over lines, fake tears, and congratulate each other. At least, in this trying time, the great American pastime of being totally full of crap is alive and well. God bless us.



UNITED ARTISTS



## CLASSICAL REVIEW

# A Brilliant Haydn at MITSO

*Harbison Explores Unimagined Corner of the Repertoire: Pre-1850 Music*

By Bogdan Fedeles

STAFF WRITER

MIT Symphony Orchestra  
John Harbison, conductor  
Rose Mary Harbison, violin  
Kresge Auditorium  
March 20, 8 p.m.

A few days before spring break, the MIT Symphony Orchestra slipped in its first concert of the calendar year. Institute Professor John H. Harbison was the guest of honor, leading the orchestra in a program featuring the world premiere of Professor Brian Robison's "Imagined Corners," a pale rendition of Brahms' fabled Violin Concerto, and a redemptive, well-performed Symphony No. 90 by Haydn, in front of an audience scattered among a lot of empty seats in Kresge Auditorium.

The concert opened the world premiere of Imagined Corners (1999), a piece described by the composer as an "imaginary travelogue," featuring musical pictures from four very different corners of the world: an Irish folksong, a jazzy blues tune, some Japanese ceremonial music, and the sound of the chimpanzees in the tropical forest.

Although each movement is very descriptive and the music very elaborate, the piece as a whole lacks a unifying goal, as the simple juxtaposition of the movements is not convincing. Nevertheless, this demanding piece received a strong performance, with MITSO displaying its ability to play new music effectively. The challenges posed by the modern writing were handled well under Harbison's energetic and stylish conducting. Lyrical winds in the first movement balanced well-played brass parts in the faster second movement. The strings showcased their solid ability, especially in the ultra-repetitive parts of the other two movements, which featured high harmonics and long tremolos.

The long-expected performance of Brahms' Violin Concerto that followed was at least one level lower in quality and intensity. Brahms' masterpiece was often superficially treated, with many inconsistencies in

tempo, balance and even intonation. Soloist Rose Mary Harbison delivered a distant, unconvincing performance, with very little effusion and a lot of nervousness. The first movement started uneasily, and progressed without its due intensity and emotion. The insecure solo line was often overwhelmed by a loud and unrefined orchestral accompaniment. However, the cadenza, written by John Harbison, her husband and partner in crime for the evening, was the high point of the performance.

The second movement flowed too fast and lacked a sustained intensity throughout. The solo oboe line seriously challenged and even outran in expressivity the solo violin part, but other overall balance issues arose, making the second half of the movement sound adrift, with no emotional goal. The third movement started a little bit more convincingly but very soon lost its coherence with a too soft and insecure solo line drifting along a loud and sterile orchestral counterpart. The ending of the piece made the audience feel relieved that it was over, and that MITSO could make it to the end.

By contrast with the Brahms, the second half of the concert, featuring Haydn's Symphony No. 90, sounded fresher and more refined. A lesser-known late Haydn symphony, this piece nonetheless contains both deep meaning and musical humor.

The slow introduction to the Allegro is a hilarious search for the main theme, stuck in an undecided tempo and meter. The effect was inadvertently amplified by some ensem-

ble desynchronizations at the very beginning. However, once the Allegro started rolling, the orchestra gained more and more in brilliance and impetus. Haydn's ample symphonic gestures enfolded with ease and good taste throughout the first movement, which also benefited from excellent dynamic contrasts.

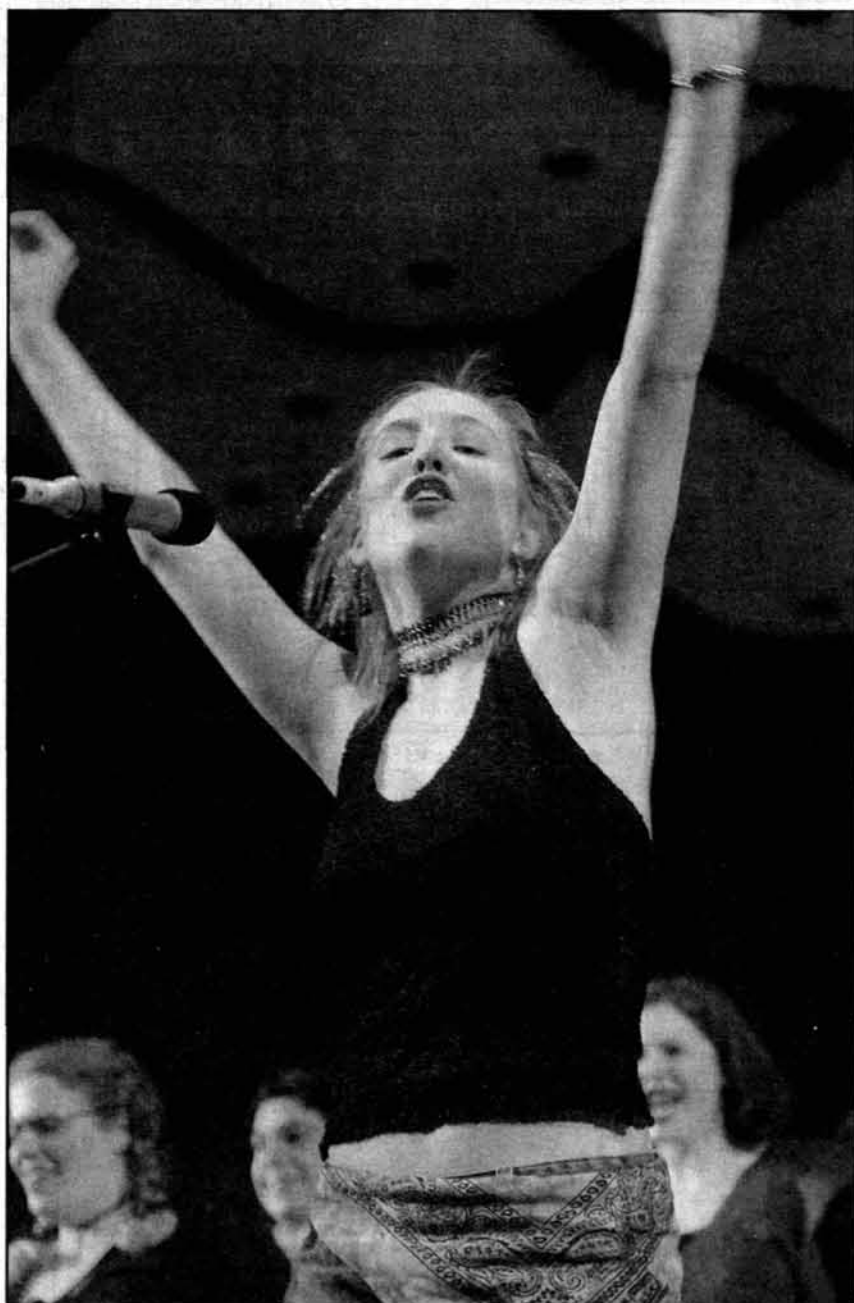
The theme and variation idea of the second movement came out intensely lyrical, thanks to good ensemble work and precise articulation. The flute and oboe lines, played by Daniel E. Stein '05 and Stavroula K. Hatzios '05 respectively, were sublime and magical, making up for the messier string figuration. Similarly, the gallant yet unsettling Minuet featured very good winds and brass, but a less convincing string section.

The finale, however, offered the strings a chance to redeem their glory, and they actually took it. The overwhelming figuration, at incredible speed, sounded fresh and intense. Towards the end, Harbison fully exploited the humor of the piece. The music stops after a convincing C major cadence, but right when the audience is preparing to applaud, the music starts again, delivering a long and elaborate coda. And again, the music stops on with a similar cadence; then, a long pause is proof of the overall confusion. This time, it is the end. MITSO's sharp responsiveness to Harbison's exact and intense gestures made this ending extremely delightful.

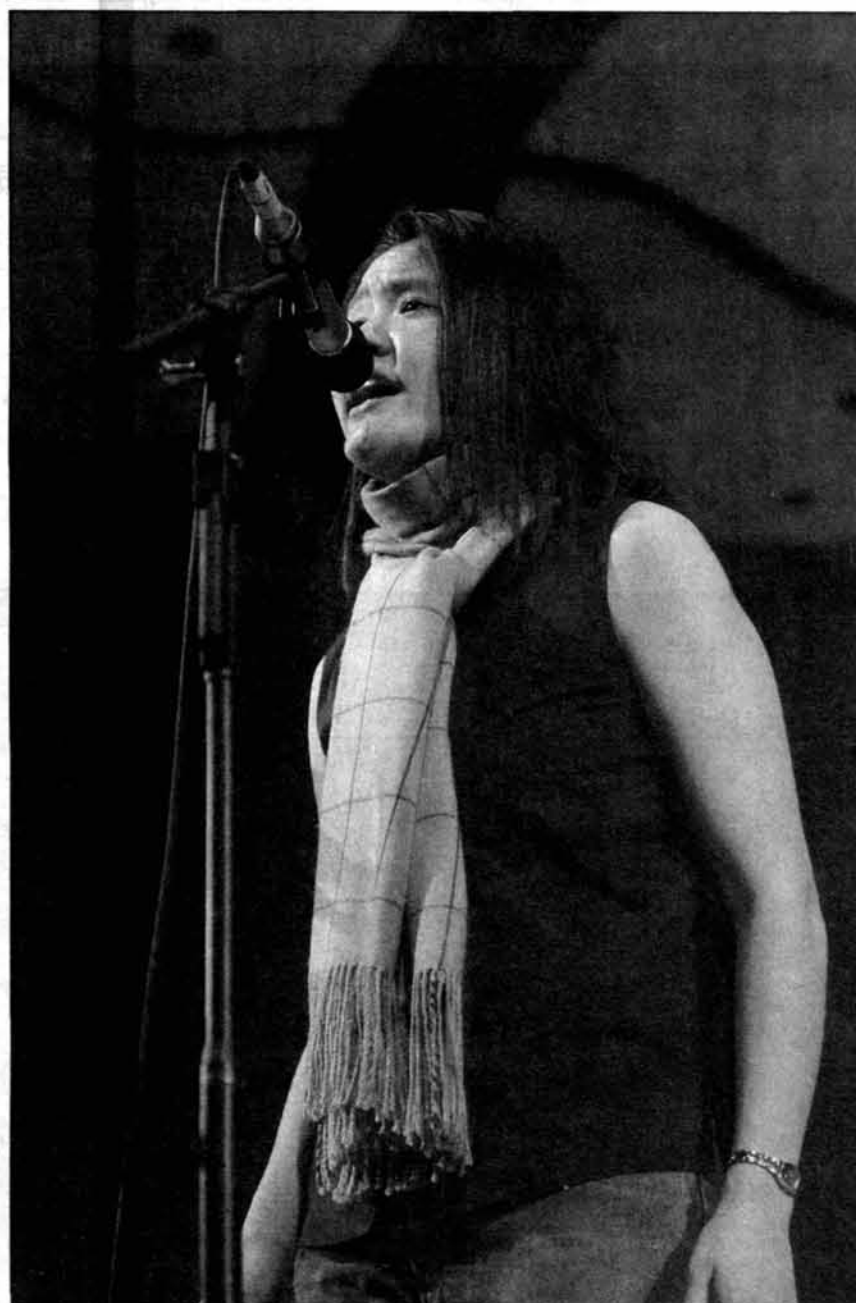
MITSO will play again on May 9, a concert featuring guest conductor David Allan Miller, the music director of the Albany Symphony Orchestra. In the program, we will meet again with Haydn (Symphony No. 44) and Brahms (Symphony No. 1), along with Harbison's Piano Concerto. We can only hope that Brahms will sound at least as good as Haydn, but definitely the next concert is a must-go.



Rose Mary Harbison performs the Brahms Violin Concerto while Institute Professor John H. Harbison conducts the MIT Symphony Orchestra during its March 20 concert in Kresge Auditorium.



STANLEY HU—THE TECH



STANLEY HU—THE TECH

Left: Emily C. Vincent '04 performs The Weather Girls' "It's Raining Men." Right: Bo S. Kim '04 sings Tori Amos' "1,000 Oceans," which won the award for Best Arrangement. The Chorallaries performed in the March 21 ICCA semi-finals in Kresge Auditorium. They failed to win a berth to Nationals as the Amherst Zumbies won the competition and will perform in New York on April 26.



INSTITUTE MADNESS!  
ALISON WONG



MANGOS WHERE OH WHERE HAS J-MONEY BEEN?



soon to be © 2003 rubberchicken productions

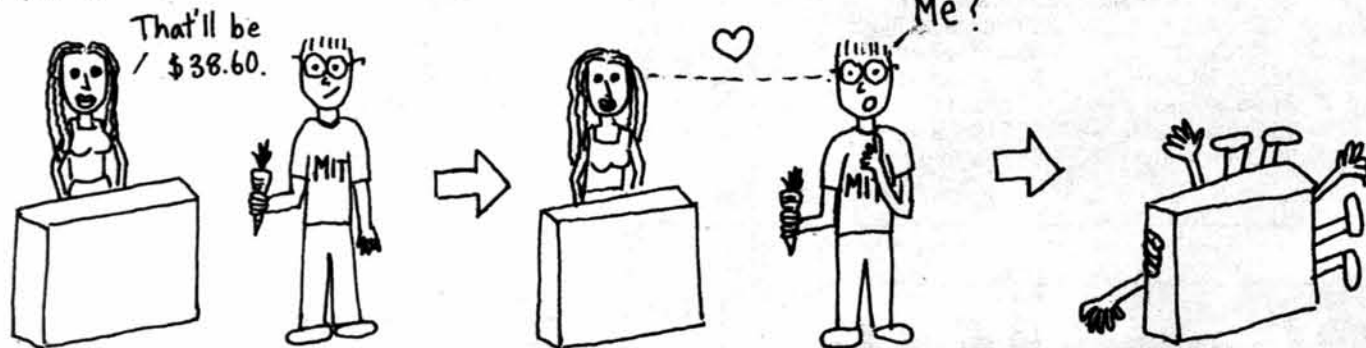
## Hay Fever

by Qian Wang and Jennifer Peng

Top Things to do before leaving MIT

# |

Make out with a LaVerde's worker.



4-1-03

E-mail us your Top Things -JPeng

## THE RICK AND CHESTER SHOW



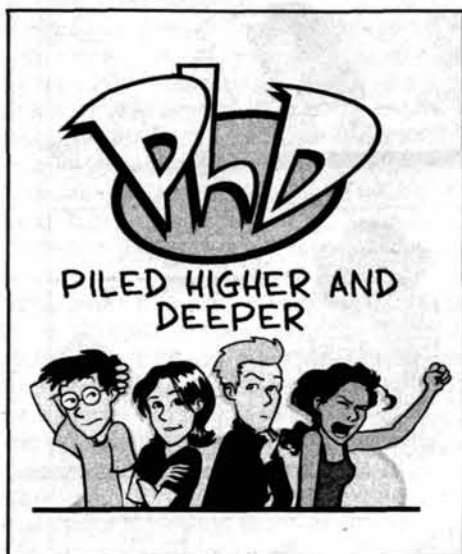
E10



When Urban Slang Spoken by Frat Boys Attacks



by Dirtymonk



# Crossword Puzzle

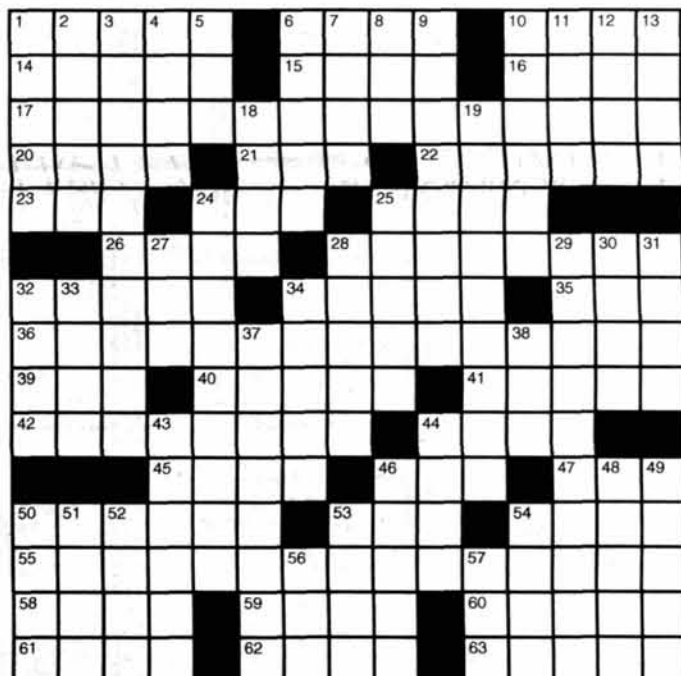
Solution, page 20

**ACROSS**  
 1 Capital of Ghana  
 6 River to the Baltic  
 10 Iridescent gem  
 14 Wall painting  
 15 Bye in Bologna  
 16 Express longing  
 17 Corporate planner's task?  
 20 Writer Alther  
 21 '50s candidate  
 22 Predatory insect  
 23 Positive answer  
 24 Mel of Cooperstown  
 25 Hackman or Wilder  
 26 Tops of overalls  
 28 Corrosion protection  
 32 Feudal peons  
 34 Squabbles  
 35 Scottish negative  
 36 Office-party-

Santa's task?  
 39 Mature  
 40 Moves effortlessly  
 41 Chills and fevers  
 42 Without arrogance  
 44 School dance  
 45 Word on diet foods  
 46 "Zorro, the \_\_\_ Blade"  
 47 Prohibition  
 50 Place for an ace?  
 53 Scatter seed  
 54 M. Descartes  
 55 Evangelist's task?  
 58 Encourage  
 59 Historic periods  
 60 Motionless  
 61 Fork-tailed seabird  
 62 Enjoy a repast  
 63 Fashions

**DOWN**  
 1 Abundantly  
 2 Marie or Pierre  
 3 Hybridize  
 4 Indian prince  
 5 Tankard filler  
 6 Group of eight  
 7 Roller-coaster thrills  
 8 Corn serving  
 9 Sleeping-car compartment  
 10 First of several  
 11 Early inhabitant of Scotland  
 12 Against  
 13 Fewer  
 18 Long-running Webber play  
 19 Loyal guard  
 24 Fixated  
 25 Snarls  
 27 Suppositions  
 28 Sign up

29 Countless  
 30 Cloy  
 31 Hardy girl  
 32 Junk e-mail  
 33 Therefore  
 34 Subway gate  
 37 Prattled  
 38 Freudian concept  
 43 Side-by-side ones?  
 44 Stooge  
 46 Silly fowl  
 48 Cavern  
 49 Cozy spots  
 50 Stubby, erect tail  
 51 Folk tales  
 52 Cal Tech graduate  
 53 Peruse  
 54 Las Vegas competition  
 56 Corn or pod starter?  
 57 Ebullient energy

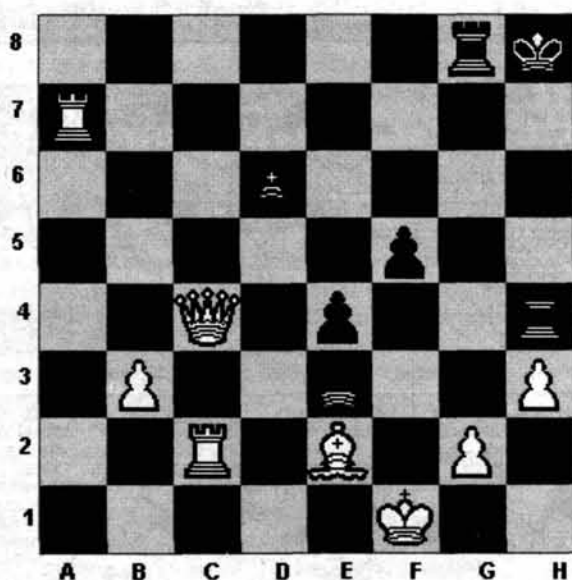


# ChessMate

Composed by Elina Groberman

Difficulty Level 3

White to Move and Checkmate in Four



Comments? Email chessmate@the-tech.mit.edu  
 Solutions on page 20

-Thinking about Course 9 as a major? Meet faculty and current majors!  
 -Have you ever wondered how your mind works?  
 -What does a memory look like in the brain?  
 -What changes in your brain when you learn something?  
 -Are you curious about how you see and why your eyes sometimes fool you?

Come to the Course 9  
 Department of Brain and Cognitive Sciences



FRESHMAN OPEN HOUSE  
 Wednesday, April 2, 2003  
 4:30 - 6:30 p.m.  
 E25-401



# Dilbert® by Scott Adams

**Strip 1:** I CAN'T START THE PROJECT BECAUSE THE USER WON'T GIVE ME HIS REQUIREMENTS.

**Strip 2:** START MAKING SOMETHING ANYWAY. OTHERWISE WE'LL LOOK UNHELPFUL.

**Strip 3:** SO, OUR PLAN IS TO CLEVERLY HIDE OUR COMPETENCE. YOU THINK TOO MUCH.

**Strip 4:** THERE'S NO BUDGET FOR YOUR PROJECT; YOU NEED TO TIN-CUP IT. WHAT?

**Strip 5:** BE LIKE A BEGGAR AND ASK EACH DEPARTMENT TO GIVE YOU A BIT OF THEIR BUDGET.

**Strip 6:** WELL, NOW THAT YOU'VE LAUGHED YOUR GUTS OUT, DO YOU FEEL BETTER? ERK!

**Strip 7:** THEY BELIEVE IN FENG SHUI. THEY BELIEVE IN THE PET PSYCHIC.

**Strip 8:** THIS SUGGESTS AN EXCELLENT NEW CAREER FOR ME.

**Strip 9:** THE FURNITURE PSYCHIC IS HERE. HE SAYS MY WASTEBASKET IS IN LOVE WITH MY DESK.

**Strip 10:** FURNITURE PSYCHIC. YOUR OLD CHAIR HAS PASSED TO THE OTHER SIDE.

**Strip 11:** HE SAYS YOU'LL KNOW WHAT THIS MEANS: "SQUEAK, SQUEAK."

**Strip 12:** YES.

**Strip 13:** YOUR DESK SAYS, "THANKS FOR THE GUM."

**Strip 14:** I NEED CLOSURE!

**Strip 15:** YOU HAVE TO STOP TELLING PEOPLE THAT YOU CAN TALK TO FURNITURE. IT'S NOT RIGHT.

**Strip 16:** YOU WORK FOR A COMPANY THAT ACTIVELY MISLEADS CUSTOMERS. HOW'S THAT DIFFERENT?

**Strip 17:** WE CALL IT MARKET-ING, AND WE DON'T WEAR HATS. THE TABLE SAYS YOU'RE A HYPOCRITE.

**Strip 18:** I TOOK THE INITIATIVE AND MADE A LIST OF PEOPLE YOU COULD DOWNSIZE.

**Strip 19:** THIS IS JUST THE DEPARTMENT PHONE LIST WITH YOUR NAME COVERED UP.

**Strip 20:** THAT'S THE SORT OF EFFICIENCY THAT KEPT ME OFF THE LIST.

**Strip 21:** YOU FOOL! HOW COULD YOU BE SO STUPID?

**Strip 22:** YOU FOOL! HOW COULD YOU BE SO STUPID?

**Strip 23:** YOU STUPID COFFEE MUG!!

**Strip 24:** DOGBERT THE HEADHUNTER. LET ME TELL YOU HOW GOOD MY CEO PLACEMENTS HAVE BEEN.

**Strip 25:** AN ASTONISHING FIFTY PERCENT OF THEM HAVE PERFORMED BETTER THAN THE OTHER HALF!

**Strip 26:** IF YOU'RE ON A BUDGET, I RECOMMEND ONE OF OUR STUFFED CEO UNITS WITH A "MAGIC 8 BALL" HEAD.

**Strip 27:** DILBERT, MEET YOUR NEW TEAM MEMBER, PERI NOID.

**Strip 28:** WHY HAVEN'T YOU INVITED ME TO A MEETING? WHO'S FILLING YOUR HEAD WITH LIES?

**Strip 29:** YOUR HAND IS SOFT AND CLAMMY! ARE YOU THE UNDEAD?!! ENGINEER.

# FoxTrot by Bill Amend

**Strip 1:** YOU CAN'T PLAY FREEZE TAG AND JUST LEAVE ME! OOPS.

**Strip 2:** WELCOME TO SPRING BREAK, JASON AND MARCUS STYLE.

**Strip 3:** CARE TO JOIN US FOR SOME GAMEBOY BEACH VOLLEYBALL?

**Strip 4:** REMEMBER...WHAT GOES ON AT SPRING BREAK, STAYS AT SPRING BREAK.

**Strip 5:** ARE YOU SURE YOU DON'T NEED HELP WITH THAT LAWN CHAIR?

**Strip 6:** SPRING BREAK, AND NOT A THONG BIKINI IN SIGHT.

**Strip 7:** ALL THAT WORRYING FOR NAUGHT.

**Strip 8:** WE'RE HAVING A WET T-SHIRT CONTEST.

**Strip 9:** HA! YOURS IS WETTER! I WIN!

**Strip 10:** TUG-OF-WARS LOOK EASIER ON TV.

**Strip 11:** MAYBE WE SHOULD GET A LIGHTER ROPE.

**Strip 12:** NEXT SPRING BREAK, LET'S NOT CHUG SO MUCH SODA.

**Strip 13:** WE SAY THAT EVERY YEAR.

**Strip 14:** BOYS, I THOUGHT I TOLD YOU TO LET THE STORE TELL YOU WHAT CUP SIZE YOU NEEDED.

**Strip 15:** PETER, PAIGE NEEDS YOU TO MOVE THE CAR SO SHE CAN GET TO HER BIKE.

**Strip 16:** I PARKED IN THE SAME SPOT IN THE GARAGE THAT I ALWAYS DO.

**Strip 17:** THERE'S PLENTY OF ROOM TO GET TO THE BIKE RACK. WHAT'S THE PROBLEM?

**Strip 18:** THAT HER BIKE WASN'T IN THE BIKE RACK.

**Strip 19:** SO THAT'S WHAT THAT CRUNCHING SOUND WAS. RELATIVISTIC SPEEDS HAVE ON YOUR EYESIGHT.

**Strip 20:** I TRIED TO EXPLAIN TO HER THE EFFECT.



# Events Calendar

Events Calendar appears in each issue of *The Tech* and features events for members of the MIT community. *The Tech* makes no guarantees as to the accuracy of this information, and *The Tech* shall not be held liable for any losses, including, but not limited to, damages resulting from attendance of an event. Contact information for all events is available from the Events Calendar web page.

Visit and add events to Events Calendar online at <http://events.mit.edu>

## Tuesday, April 1

**12:00 a.m. – Civil Rights March on D.C.** 150 MIT students will be joining thousands of college and high school students to march in Washington D.C. during the supreme court hearings of Gratz v. Bollinger and Grutter v. Bollinger. free. Room: Washington, D.C. Sponsor: Black Students' Union.

**10:00 a.m. – Admissions Information Session (Followed by the Campus Tour).** Admissions Office Information Session gathers at the Admissions Reception Center (10-100). Enter MIT at the main entrance, Lobby 7, 77 Massachusetts Ave (domed building with tall pillars). Proceed down the center corridor to Room 10-100 on the right. Following the Admissions Information Session is a Student Led Campus Tour which begins in Lobby 7 (main entrance lobby) Groups over 15 people need to make special reservations. free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

**10:45 a.m. – Campus Tour.** Student Led Campus Tours are approximately 90 minutes long and provide a general overview of the main campus. Please note that campus tours do not visit laboratories, living groups or buildings under construction. Groups over 15 people need to make special reservations. Campus tours start at the conclusion of the Admissions Information Session. The Campus Tour begins in Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

**11:00 a.m. – 1:00 p.m. – Leaders in Real Estate.** free. Room: W31-301. Sponsor: Center for Real Estate.

**11:55 a.m. – 1:00 p.m. – VCPIA Lunch Meeting.** Weekly lunch meeting sponsored by the MIT Venture Capital & Principal Investment Association. free. Room: Tang Center. Sponsor: MIT Venture Capital and Principal Investment (VCPI) Association, MITEntrepreneurshipCenter.

**12:00 p.m. – 2:00 p.m. – The Production & Transmission of Craft-based Knowledge in pre-Modern Europe.** Dibner Institute Luncheon Colloquium. free. Room: E56-100. Sponsor: Dibner Institute.

**1:30 p.m. – 2:45 p.m. – Center for Theoretical Physics - Nuclear Theory Seminar.** TBA. free. Room: Center for Theoretical Physics, Building 6, Third Floor Seminar Room. Sponsor: Laboratory for Nuclear Science.

**2:00 p.m. – Admissions Information Session.** free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

**2:45 p.m. – Campus Tour.** free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

**3:30 p.m. – Men's Tennis vs. Tufts University.** free. Room: Katz Tennis Courts. Sponsor: Department of Athletics, Physical Education and Recreation.

**4:00 p.m. – 5:15 p.m. – Media Lab Colloquium Series.** "IT Design in Social Contexts — Some socio-technical approaches." free. Room: Bartos Theater, MIT Media Lab. Sponsor: Media Lab.

**4:00 p.m. – 5:00 p.m. – MTL VLSI Seminar Series.** Design Challenges in CMOS Transceiver for WLAN. free. Room: 34-101. Sponsor: MTL VLSI Seminar.

**4:15 p.m. – 5:30 p.m. – GTL Seminar Series.** "Impact of Tip Clearance Flow on Centrifugal Pump Performance." free. Room: NOTE ROOM: 33-206. Sponsor: Gas Turbine Laboratory.

**4:30 p.m. – 6:00 p.m. – Conflict, Aid and Migration: Making the Sri Lanka-Canada Connection.** Rosemarie Rogers Seminar Series, sponsored by the Inter-University Committee on International Migration. free. Room: Tufts University. Sponsor: Center for International Studies.

**4:30 p.m. – MechSeminar: Impacts on Geotechnical Engineering of several recent findings from laboratory stress-strain tests on geomaterials.** Abstract: Impacts on the theories and practice of geotechnical engineering of several findings obtained from recent advanced laboratory stress-strain tests on a wide variety of geomaterials performed mainly by the author and his colleagues are demonstrated and illustrated. The laboratory stress-strain tests were performed to apply the results to theoretical research as well as practical design issues. The theme of the lecture consists of the following five topics on the stress-strain behaviour of geomaterials: 1) elastic properties at very small strains; 2) non-linear pre-failure stress-strain behaviour; 3) inherent anisotropy in the strength and deformation characteristics of granular materials; 4) strain localisation with shear banding in granular materials; and 5) time-dependent deformation properties of geomaterials, and its constitutive modelling and simulation. Room: 1-390. Sponsor: Engineering & Environmental Mechanics Group.

**6:30 p.m. – Department of Architecture: Tenth Pietro Bel-luschi Lecture.** "Recent Work." Talk by Kazuyo Sejima, architect, Tokyo. free. Room: Rm 10-250. Sponsor: Department of Architecture.

**7:00 p.m. – 1:00 a.m. – Tuesday Night Wine Flights.** Every Tuesday night features a particular wine region or varietal. Tonight: TBA. Pub Hours: Monday: 9 p.m. – 1 a.m. Tuesday – Thursday: 7 p.m. – 1 a.m. Friday: 4 p.m. – 1 a.m. The Thirsty Ear Pub is located in the basement of Ashdown House. Enter through the courtyard. Must be over 21. Proper ID required. Room: The Thirsty Ear Pub. Sponsor: The Thirsty Ear Pub.

**7:30 p.m. – 8:30 p.m. – The MIT Radio Society Meeting.** Talk to ISS astronauts, use 1500-watt amplifiers, talk around the world, and send microwave signals to satellites! Explore the technical and amazing. Help us decide what to do with our \$30,000+ dollars. We are looking for students to join our

exciting club. If you don't have an amateur radio license, come to our meeting and we will tell you how to get one quickly and easily. free. Room: 50-358. Sponsor: MIT Radio Society.

**8:00 p.m. – Pierre Hommage, violin and Anya Grokhovski, piano.** Beethoven's Sonata for violin and piano, op. 24, "Spring"; Joseph-Ermond Bonnal's 3 pieces for violin and piano; Cesar Franck's Sonata for violin and piano. free. Room: Killian Hall. Sponsor: MIT France Program. Russian-American Musical Association.

## Wednesday, April 2

**10:00 a.m. – Admissions Information Session.** free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

**10:45 a.m. – Campus Tour.** free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

**11:00 a.m. – 12:00 p.m. – Nanostructures Based on Casimir Forces: Towards the Design and Control of Vacuum Fluctuations.** EECS/RLE - Optics & Quantum Electronics Seminar Series. free. Room: Grier Room B, 38-401B. Sponsor: Optics.

**12:00 p.m. – 4:00 p.m. – Rainbow Lounge Open.** MIT's resource lounge for lesbian, bisexual, gay, and transgendered members of the community offers a place to hang out, various activities, and a lending library during its open hours. free. Room: 50-306. Sponsor: lbgt@MIT.

**12:10 p.m. – 1:00 p.m. – Oceanography and Climate Sack Lunch Seminar.** free. Room: 54-915. Sponsor: Physical Oceanography.

**2:00 p.m. – Admissions Information Session.** free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

**2:45 p.m. – Campus Tour.** free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

**3:00 p.m. – 4:00 p.m. – "Plans for Exploring Mars" - Dr. James Garvin - Space Grant 14th Annual Public Lecture.** free. Room: Bldg. 37, Room 252 (Marlar Lounge). Sponsor: AeroAstro, Massachusetts Space Grant Consortium.

**3:30 p.m. – Men's Lacrosse vs. UMass Boston.** free. Room: Jack Barry Turf. Sponsor: Department of Athletics, Physical Education and Recreation.

**3:30 p.m. – Men's Tennis vs. WPI.** free. Room: Katz Tennis Courts. Sponsor: Department of Athletics, Physical Education and Recreation.

**4:05 p.m. – 5:00 p.m. – Environmental Chemistry and Biology Seminar.** Topic TBA. free. Room: 48-316. Sponsor: Parsons Lab (general).

**5:00 p.m. – 7:00 p.m. – A Deep Sea Archaeology Saga, Act I: Hercules Meets Elissa (or, deep-water excavation in Mediterranean Sea).** Sarah Webster is a Staff Engineer at the Woods Hole Oceanographic Institution Deep Submergence Laboratory. She is building robotic excavation tools for the Hercules ROV. In 2003, this vehicle and its excavation suite will be used during the archaeological excavation and investigation of an 8th century BC Phoenician deepwater shipwreck in the eastern Mediterranean. free. Room: TBA. Sponsor: DeepArch.

**6:00 p.m. – 9:00 p.m. – Start-up Clinic.** Discover how to present a plan to potential investors at the MIT Enterprise Forum of Cambridge's Start-up Clinic. Two pre-selected companies present their business plans and receive feedback from a panel of experts and the audience over an informal dinner. The key learning points include how plans and presentations are evaluated; what investors and evaluators look for, and how to fine-tune plans and presentations. The event will be held at 6 p.m. the MIT Faculty Club. Registration fee is \$35 for Forum Members and \$45 for Non Members and includes dinner. Pre-Registration is Required. For more information or to register, visit: <http://www.mitforumcambridge.org/calendar/index.html> or call 617-253-8240. Room: MIT Faculty Club, 50 Memorial Drive 6th Floor. Sponsor: MIT Enterprise Forum of Cambridge, Inc.

**7:00 p.m. – 9:00 p.m. – MIT \$50K Founder's Workshop.** free. Room: TBA. Sponsor: MIT \$50K Entrepreneurship Competition.

**7:00 p.m. – 10:00 p.m. – TMRC Build Time.** These are our normal meeting times, when we build the layout! free. Room: N52-118. Sponsor: Tech Model Railroad Club (TMRC).

**7:00 p.m. – 8:00 p.m. – Bible Study.** Weekly Bible study held by the Baptist Student Fellowship. free. Sponsor: Baptist Student Fellowship, Baptist Campus Ministry.

**7:00 p.m. – 11:00 p.m. – Sangam-MIT FLL Movie.** Movies screened as a part of MIT FLL course. Email was sent out on sangam-request@mit.edu. free. Room: Variable, was sent out in email. Sponsor: Sangam. MIT FLL.

**7:30 p.m. – 10:30 p.m. – HTC Film Series: Benjamin Smoke.** Cabbagetown's Unsung Local Boy Hero. If you have lived in Atlanta and are aware of the local music scene, several familiar names will arise. I am not sure how long the cameras followed Benjamin around, it looks like it may have been a couple of years as we see him at home in Cabbagetown, then on to assisted living in an apartment. Great concert footage, including one of the high points in Smoke's career, a chance to open for Patti Smith at Atlanta's Variety Playhouse. To see Benjamin backstage, you have to wonder how much of the experience he was truly aware of. It's the kind of documentary that gets you under the skin. Great ending to this film. You don't have to be from Atlanta to enjoy this. It is worth seeking out and settling in with. Recommended! free. Room: 3-133. Sponsor: History, Theory and Criticism of Architecture

and Art.

**8:00 p.m. – Weekly Wednesdays @ the Muddy Charles Pub.** Meet your fellow social graduate students at the Muddy Charles Pub located in the Walker Memorial Building. What will be there for you? \$1 drafts, a variety of beers, wines and sodas, lots of free wings, Sox on the screen. Bring IDs. free. Room: Muddy Charles Pub. Sponsor: Edgerton House Residents' Association, MITEntrepreneurshipCenter. TechLink, Wing It.

**8:00 p.m. – 10:00 p.m. – IFILM Film Seminar.** Screening of a movie followed by a discussion. free. Room: 4-237. Sponsor: International Film Club.

**8:30 p.m. – 11:30 p.m. – Swing Dancing.** No partner required. Beginners welcome. free. Room: Student Center 2nd floor. Sponsor: Lindy Hop Society.

## Thursday, April 3

**10:00 a.m. – Admissions Information Session.** free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

**10:45 a.m. – Campus Tour.** free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

**1:00 p.m. – 2:00 p.m. – Weight Watchers at Work!** free. Room: Women's Lounge-Room 8-219. Sponsor: Weight Watchers.

**1:00 p.m. – 6:00 p.m. – Rainbow Lounge Open.** free. Room: 50-306. Sponsor: lbgt@MIT.

**2:00 p.m. – Admissions Information Session.** free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

**2:45 p.m. – Campus Tour.** free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

**3:00 p.m. – Baseball vs. Wheaton College.** free. Room: Briggs Field. Sponsor: Department of Athletics, Physical Education and Recreation.

**4:00 p.m. – 5:30 p.m. – French Political Life after Extreme Right Rise in 2002 Presidential Elections.** Denis Jeambar is President of the "General Information" division of Vivendi Universal Publishing, president of direction for Société Groupe Express-Expansion, and director of several publications (L'Express, L'Expansion, La Vie Financière, L'Entreprise). In addition, he is managing editor of L'Express. free. Room: E38-714. Sponsor: MIT France Program.

**4:00 p.m. – 5:00 p.m. – GCM simulations of polar climate: Progress and problems.** free. Room: 54-915. Sponsor: MIT Atmospheric Science Seminars.

**4:15 p.m. – 5:15 p.m. – Daniela Pucci de Farias.** ORC Spring Seminar Series. Seminar reception immediately following in the Philip M. Morse Reading Room, E40-106. free. Room: E56-270. Sponsor: Operations Research Center.

**4:15 p.m. – 5:30 p.m. – Physics: Thermodynamics of Strongly Interacting Matter at High Temperature and Density.** Abstract pending. free. Room: 10-250. Sponsor: Physics Department.

**5:00 p.m. – Women's Lacrosse vs. Colby-Sawyer College.** free. Room: Jack Barry Turf. Sponsor: Department of Athletics, Physical Education and Recreation.

**5:00 p.m. – 6:00 p.m. – Nanostructures Seminar Series (nanoweb.mit.edu).** Research Update - The New Harvard Nanoscale Science and engineering Center. free. Room: Building 1, Room 190 (Refreshments beginning at 4:30 pm). Sponsor: Nanostructures Laboratory.

**5:00 p.m. – 7:00 p.m. – What's Happening to Prime Time?: Writing and Producing in Prime Time.** TV has been America's first story-teller for almost half a century. Its evening or so-called prime-time programs are a complex record and reflection of our culture. But only recently has this field of texts been recognized as necessary to preserve and to study. And only recently has the importance of seeing programming historically been recognized by journalists, the entertainment industry and even many media scholars. This ongoing series of Forums on prime time television will feature some leading TV scholars and media professionals. Our speakers and our always lively audience will engage these and related questions with their usual passion and civility. free. Room: Bartos Theater, Media Lab. Sponsor: Communications Forum.

**7:00 p.m. – 9:00 p.m. – Panchatantra Class.** Classes in Indian Folk-lore. free. Room: 4-144. Sponsor: Graduate Student Council, Sangam. South Asian Center.

**7:00 p.m. – 8:30 p.m. – Meditation and Discussion.** Meditation and Discussion on Shantideva's Bodhicaryavtara. free. Room: MIT Chapel. Sponsor: Buddhist Association at MIT, Buddhist Community at MIT.

**8:00 p.m. – 10:00 p.m. – IFILM Film Seminar.** Screening of a movie followed by a discussion Refreshments provided. free. Room: 4-237. Sponsor: International Film Club.

**9:00 p.m. – 10:00 p.m. – Coffee Hour.** Food and drink - an Ashdown tradition. free. Room: Hulsizer Room (W1). Sponsor: Ashdown House.

**10:00 p.m. – 11:59 p.m. – Movie Night.** Movie and food - free for all!!! free. Room: Big TV Room (W1). Sponsor: Ashdown House.

**11:59 p.m. – Campus Disc Golf.** Do you like tossing a disc? Do you enjoy friendly competition? Or if you're just up for mid-night antics, then come on out! Meet outside the Student Center on the front steps, and don't forget to bring a disc! Don't hesitate to come, newcomers are always welcomed - We meet every Thursday at midnight. Questions, contact Daniel Turek, macgyver@mit.edu. bring your own disc!. Room: Student Center steps. Sponsor: Campus Disc Golf.



Sunday, April 6, 2003, 6pm

Walker Memorial  
142 Memorial Drive

\$10 in advance/\$12 at the door  
Tickets on sale in Lobby 10  
April 1 - 4, 2003

# GRAINS OF *Rice*

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Association of Taiwanese Students  
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Korean Students Association  
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# Reply Date Delayed In Richard Guy Suit

By Keith J. Winstein  
NEWS AND FEATURES DIRECTOR

MIT's response to the wrongful death lawsuit filed by the parents of Richard A. Guy Jr. '99 has been delayed a third time by the agreement of the parties to the case.

"The whole thing has basically been in a holding pattern," said Daryl J. Lapp, a partner at Palmer & Dodge in Boston, who is representing MIT in the case.

The agreement delays the deadline for MIT's response until May 21. The response had originally been required by last October.

The parents' lawsuit followed Guy's death by asphyxiation in 1999 due to excessive nitrous oxide inhalation and asserts that MIT should be held partly responsible. However, the parents have not yet made a public statement explaining their expectations for the lawsuit.

"There's no change from the last status, which is that the parties are in the process of exchanging information, and that's all that's happening," he said.

The Guys' attorneys did not return calls seeking comment.

## Guys' aim in lawsuit not yet clear

Guy died from asphyxiation as a result of nitrous oxide intoxication in August 1999.

His parents, Richard A. Guy Sr. and Janet V. Guy, both of Mission Viejo, Calif., sued MIT one day before the three-year statute of limitations was to expire in 2002, but have declined to speak publicly about the lawsuit or to request a particular

amount of damages.

In this respect, they differ from the parents of the late Elizabeth H. Shin '02, who have hired a public relations firm and received national attention for an ongoing \$27 million wrongful death lawsuit that seeks to hold MIT and several of its doctors and employees accountable for Shin's April 2000 suicide.

The Guys' complaint asserts that MIT is partly responsible for Guy's death, as "MIT knew or should have known ... that drug use was ongoing" at East Campus, where Guy lived.

The complaint cites "the appearance of the 5th floor, where the walls and ceilings of part of the 5th floor were painted black and light bulbs painted pink and purple" as evidence of drug use on Fifth East. And MIT "knew or should have known that [East Campus residents] abused nitrous oxide within the dormitory and kept a canister of nitrous oxide, sometimes referred to as 'the dorm bottle,'" the complaint says.

## Guy, Shin only student death suits

The lawsuits filed by the Guys and Shins are the only known wrongful death claims against MIT from student deaths in recent history.

Other high-profile student deaths, such as that of freshmen Scott S. Krueger in 1997 and Julia M. Carpenter '03 in 2001, were responsible for sweeping change in MIT's residence system and a review of MIT's harassment procedures, but did not result in lawsuits against MIT.

# Smile!



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Code: TT1

## GSC General Council Meeting

April 2nd 2003 Wed 5:30pm

GSC Office 50-220 Walker Memorial

### Agenda

### GSC ELECTIONS\*

Dinner will be provided! Enjoy a beer at the Weekly Wednesday!!

### RUN FOR OFFICE

Lead changes at the Insitute level !!

### Make an IMPACT

### GSC Calendar

4/2 Wed 5:30pm General Council Meeting: Elections, GSC Office 50-220

4/4 Fri 6-10pm Infinite Link, Morss Hall

4/8 Tue 6:30pm Graduate Student News Staff Meeting, GSC Office 50-220

4/12 Sat 11am-1pm ASA Spring Activities Fair, Johnson Center

4/17 Thurs 7pm ASA General Body Meeting, 10-250

4/30 GSC Executive Committee Meeting, GSC Office 50-220

[gsc-request@mit.edu](mailto:gsc-request@mit.edu)

\*Nominations are closed now. Positions that are open till Mar31,2003 will re-open at Elections Meeting. Read candidate statements at <http://gsc.mit.edu>





# MIT Open Ballroom Dance Competition

Dupont Athletic Center  
April 5 - 6, 2003

Free to MIT Community!

**Special Championship Events**  
Sunday, April 6th 2-7pm

**Latin Show featuring  
World Professional Latin Grand Finalists**  
Sunday, April 6th 4pm



<http://ballroom.mit.edu/comp/>

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Picture by Tom Nugent, Design by Tilke Judd



Notice to juniors living on campus...

## *Senior Segue?*

Find out more, or apply on-line at

<http://web.mit.edu/housing/undergrad/seniorsegue.html>

***We're putting the 'way' back into 'Segue'.***

Senior Segue is an opportunity for current on-campus juniors interested in graduate school at MIT to move into graduate housing starting their senior year.

At undergraduate rates. And then a guaranteed spot for their first year of graduate housing.

Visit the dorms  
this week!

Warehouse • Social Hour Tuesdays at 9  
Sidney & Pacific • Coffee Hour Wednesdays at 9  
Tang Hall • Weekly Wednesday Socials at 9  
Ashdown • Coffee Hour Thursdays at 9



# Mitchell Wins Prizes For Efforts at Peace

Mitchell, from Page 1

Democrats from 1989 until 1995.

In 2000, he chaired the Sharm el Sheikh Fact-Finding Committee, which studied the conflict between Israelis and Palestinians and released a report in May of 2001 with recommendations for ending the violence.

In December 2001, Mitchell became overseer of the American Red Cross Liberty Fund, which helps victims of the Sept. 11 attacks.

## Student leaders happy with choice

"I'm delighted that George Mitchell will be speaking at our commencement and I'm looking forward to [hearing] what he has to say," said Sina Kevin Nazemi '03, president of the class of 2003.

"I think it's a good pick," said Michael R. Hall '03, the vice president. "As a student of English and Irish heritage, I appreciate his efforts and believe he'll have excellent [remarks] to provide on

the current world situation," he said.

A commencement committee collects input from the MIT community and creates a list of potential candidates for guest speaker, but President Vest makes the final choice and contacts the speaker, said Professor W. Eric L. Grimson PhD '80, chairman of the commencement committee.

Grimson said that suggestions are sought through announcements in the newspaper and e-mail from undergraduate and graduate representatives on the committee. The list is "open to input," he said.

Once the commencement committee has finished discussing the possible speakers it gives these names to Vest, he said, although Vest is not obligated to choose a name from that list.

Nazemi said that the deliberations of the committee are strictly confidential, so he cannot reveal whether Mitchell was on the list of proposed speakers.

# Logarhythms Take Out Loans, Other Groups Help With Cost

Studio, from Page 1

studio.

## UA, parents provide loans to Logs

The studio "probably cost as much as it cost to produce our last CD," said Su.

The Logs have obtained interest-free loans from the Undergraduate Association and from groups members' families to pay for the studio.

Mark A. Sellmyer '04, a member of the Logs and an Interfraternity Council representative to the UA, said that the UA approved a bill requesting a \$10,000 interest-free loan to be paid off by the end of the spring semester.

"We have about an equal

amount [loaned by members'] parents," Sellmyer said.

## Groups plan logistics for studio

The plans for how the a capella groups will share the studio have not yet been finalized.

Runnion said that the groups are now working on a written agreement regarding the use of the space and how the groups will contribute financially to the studio. He said that the level of input for the management of the studio will likely be proportional to the amount of money a group has invested in the studio.

"The plan is that [the Chorallaries] will be throwing in as an equal partner," Runnion said. He said that they will be contributing

approximately \$4,000 to 5,000.

"The Logs have done a good job inviting other groups" to provide input, said David S. Glasser '05, publicity director for Techya, a Jewish a capella group, but "it is likely that [Techya's contribution] will be a long-term goal."

The Logs researched professional recording studios to determine how to build the studio.

Su said that most university a capella groups do not have on-campus studios. He only knows of groups at Dartmouth University and the University of Virginia that have recording studios.

The studio "will be something unique to the a capella community," Runnion said.

# site seeing?

## graduating students' websites sought

In its May-June issue, **openDOOR**, the award-winning Web magazine of the MIT Alumni Association, will feature students graduating in June 2003.

Nominate the Web site of your favorite soon-to-be-grad (or your own site), and you could win a copy of the new MIT Press book, *Nightwork: A History of Hack & Pranks at MIT*. (Five winners will be selected at random.) The best sites will be featured in **openDOOR**.

Submit your favorites to:

<http://alumweb.mit.edu/opendoor/nominate/>

The deadline is April 7, 2003.

# MedLinks

## 10 Years of Promoting Student Health

Find your nearest link at [<http://web.mit.edu/medlinks/www>](http://web.mit.edu/medlinks/www)

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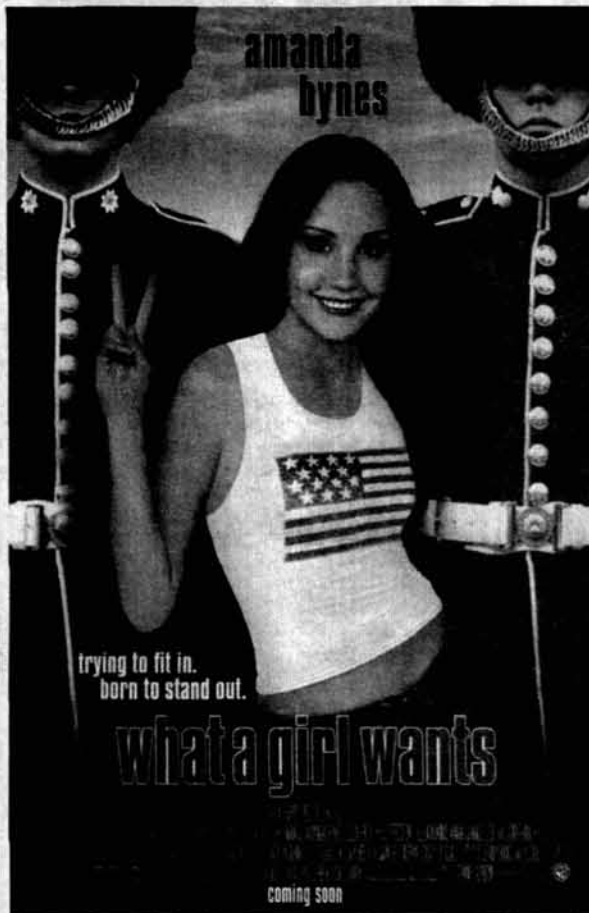
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Arrive Early! Seating is first come, first served!



Black Students' Union April and May Events  
<http://web.mit.edu/bsu/www/>

**April**

- 1: March on Washington, D.C.
- 2: 8.02 Exam Review w/ Prof. Mtingwa 6-8pm
- 6: General Body Meeting #4 @3pm
- 11: CPW Events 11-3 and 7:30-9
- 17: D.C. March Re-Cap Reception. La Sala de Puerto Rico.
- 23: Study Break
- 26-27: Annual April Madness 3-on-3 Basketball Tournament.
- 27: General Body Meeting #5: Nominations + Pageant @3pm

**May**

- 2: Letters of Intent due by midnight to [bsu-exec@mit.edu](mailto:bsu-exec@mit.edu)
- 4: General Body Meeting #6- Ballot Elections for Fall 2003 @3pm
- 13: 1<sup>st</sup> Annual BSU Year-In-Review w/ guest speaker, induction ceremony, BSU awards and reception. 6-120.

Be on the lookout for a special event for the graduating class of 2003 and our annual BGSA/BSU End of the Year BBQ in May.

Please send your community event photos to [bsu-exec@mit.edu](mailto:bsu-exec@mit.edu) to be a part of our Year-In-Review presentation. Also send us your ideas for Fall 2003 events.

Black Students' Union Executive Board Spring 2003

- What are you doing for Passover?
- Reserve your Passover seder and other holiday meals with MIT Hillel today!
- MIT meal cards accepted.
- Deadline is Tuesday, April 1.



Passover meal  
 deadline - Tuesday, April 1

# PASSOVER @ MIT

Passover Seder - Wed, April 16  
 Holiday Dinners - Tues, April 22 &  
 Wed, April 23

MIT Hillel Bldg. W11  
 253 2982 [Hillelsvp@mit.edu](mailto:Hillelsvp@mit.edu)

# Networking Residential @MIT is hiring RCCs!

Do you live in a dorm?

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<http://web.mit.edu/rescomp/www/hiring.html>

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Hiring Information Meeting  
 Monday, April 7th  
 N42 Demo Center  
 4:45-6:15



[fun@the-tech.mit.edu](mailto:fun@the-tech.mit.edu)

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# Athletics Department Debates Larger Purpose of PE Program

PE, from Page 1

and design have been completed for the project, but it has not moved to program development because "we need to talk to senior management first."

## Priority for underclassmen likely

When the new system goes online, the athletics department will probably give preferences to underclassmen.

"We say that people should finish their PE requirements [by] their sophomore year," Couturier said, so to help this happen, "we hope to restrict the first two days of registration week to freshmen and sophomores."

Each student is required to take eight PE units of class as an undergraduate. Currently, when a student has not completed his requirements by his junior year, the department sends him a letter as a reminder, although recently the department has been pushing harder for students to complete their PE units on time.

Couturier said there is still debate amongst the faculty about whom the PE lottery serves.

"Nothing is definite," Couturier said. "We would like to discuss the plan with other student groups to make sure it won't cause huge problems."

Additionally, Couturier said that they will seek solutions for juniors and seniors who have not yet met the requirement should the preferential system be implemented.

And while "some people say that undergraduates should be treated with preference because it is a requirement for graduation, others say that it serves all of the MIT community," she said. However, Couturier said that most of the staff is leaning toward the former.

## PE lottery gets new software

"Typical complaints [about the lottery] were, 'I signed up but I didn't get what I wanted,' ... [and] there is a lot of lag time between the lottery and notification," Couturier said.

She said that as a result the department often advises students to just show up on the first day of class, making registration a moot point. "Not knowing what you're getting has an implication for people [just] showing up" on first day, she said.

The plan to alter the lottery system came out of an athletics department "discovery team" organized in the spring of 2001. Four members of the department and four members of Student Services Information Technology came

together to discuss the shortfalls of the current system.

"Our lottery system is random. There is plenty of room for improvement," said Senior Women's Administrator Jean A. Heiney. "We maxed out the classes [and] then half the people wouldn't show."

Heiney said that although "we certainly heard from folks who were disappointed," much of the demand for change came from within the administration.

Darcan said that the group recommended as long-term goals for the physical education program "building a new PE eligibility system, eliminating the lottery, and coming up with a new data warehouse for the department."

"The [new system] will be Web-based and will eliminate manual forms as much as possible," Darcan said. Currently, MIT affiliates who do not have Web certificates must come into the athletic department offices and fill out forms to register for classes.

According to Couturier, the new system should allow people to see which class they are assigned to immediately after registering, and it will make it easier to alert groups to changes. "We're hoping people will be able to see if they are in or not," she said

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## MIT Department of FACILITIES CAMPUS CONSTRUCTION UPDATE

**Simmons Hall**  
Work on the exterior of the building will take place over the next three weeks. The contractor will place cones on the sidewalk to lead pedestrians through the work area safely. The kitchen and dining rooms are in full dinner operation.

**Vassar St. Utilities**  
A steam manhole is under construction at the east side of Main St. Vassar Street from Main Street to Mass. Ave. will be closed on Saturday, April 5, from 7 a.m. to 5 p.m. to install several gas main services that cross the active travel lane. The street closing will affect vehicular traffic, but pedestrians will still have access to the street. The Cambridge Police will control public safety.

**Stata Center**  
The Alumni Pool will close on April 15 and will remain closed until February 2004. Installation of sheet piles is underway. This work may create vibrations and noise disturbances. The work is scheduled to take place from 7 a.m. to 3 p.m. and will last for approximately two weeks.

**Brain and cognitive sciences project**  
The decorative butterflies will soon be transferred from Building 45 to Building 44. Interior demolition of Building 45 continues. Demolition of the exterior shell will take place in mid-April.

**Building E19 Renovations**  
The new McGovern Institute for Brain Research (MIBR) space on the third floor is substantially complete. The construction of the fifth floor laboratory space is on schedule for completion in April.

**MDC Memorial Drive Rehabilitation Project**  
THE MDC expects to begin removing parking spaces permanently from eastbound Memorial Drive in the next few weeks. The parking area being eliminated will be posted 48 hours prior to the start of work. Cars that are not removed will be towed.

For information on MIT's building program, see <http://web.mit.edu/evolving>  
This information provided by the MIT Department of Facilities.

# Freshman Open House Friday, April 4, 2003 Civil and Environmental Engineering



11:00AM to 1:00 PM  
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The Biology Building • Building 68 • 31 Ames Street  
Monday - Friday 8am-3pm

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Italian Sub, Chips, Fountain  
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Turkey Sub, Chips, Fountain  
Beverage 4.39

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# Coop Student Board Election

The following student Coop members are candidates for election to the Coop Board of Directors for the 2003-04 academic year.

# VOTE NOW!

Vote online at [www.thecoop.com](http://www.thecoop.com)

M.I.T. UNDERGRADUATE  
AND GRADUATE  
STUDENTS:

Michael Leison (Graduate)  
Pius Uzamere (Undergraduate)  
Mark Kim (Graduate)  
Keren Rimon (Graduate)

HARVARD  
UNDERGRADUATE  
STUDENTS:

Andreea Stefanescu  
Christina Adams  
Adam Gordon  
Joseph Bress  
Ashley B.T. Ma  
Divya K. Narendra  
Erica Jalli

HARVARD GRADUATE  
STUDENTS:

Yael Hadass GSAS  
Barbary Cook KSG  
Torarie Durden HBS

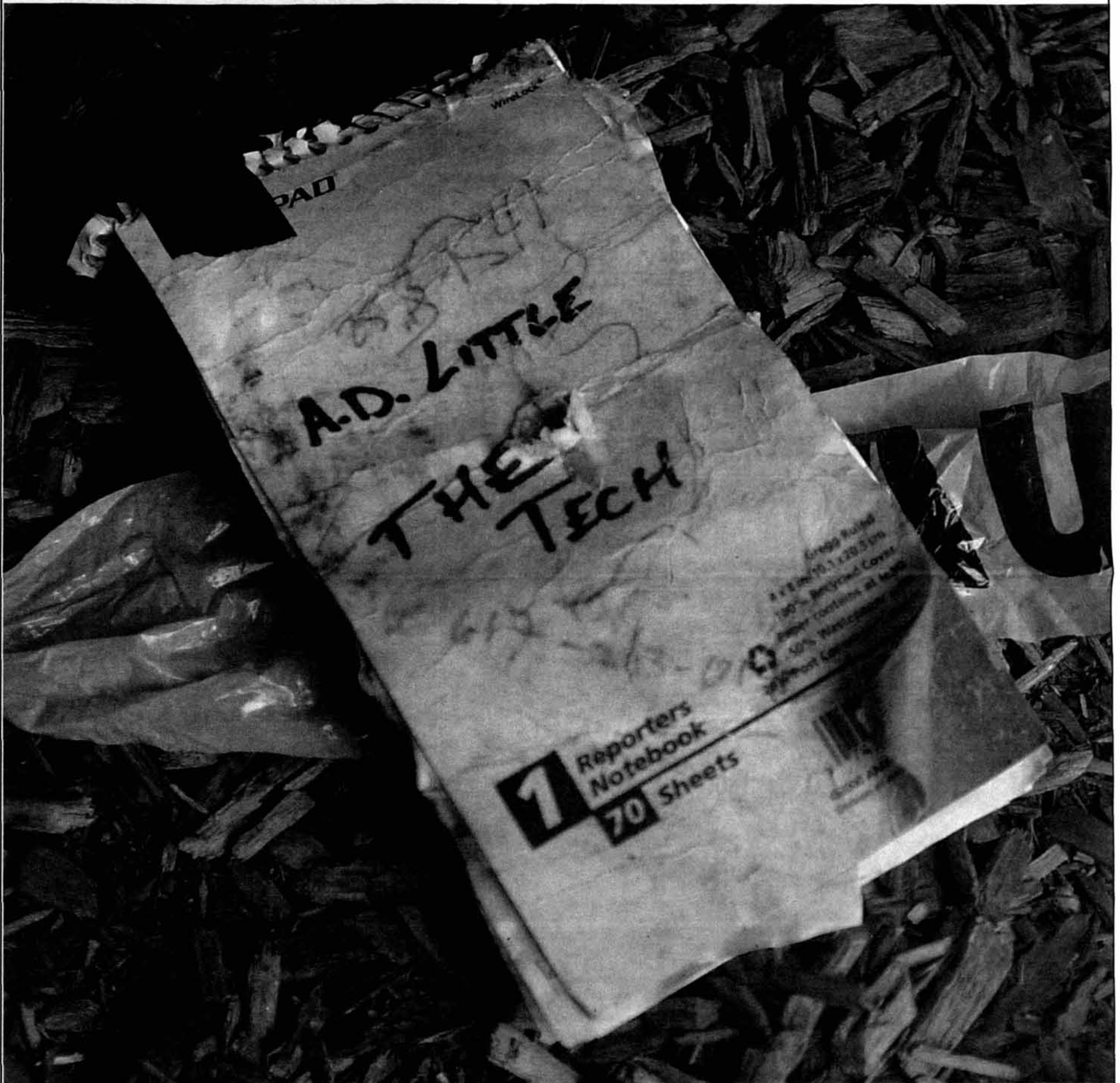


Vote online or pick up a paper ballot at any Coop store. Voting deadline is April 4th, 2003.



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- 3) Come to the News Meetings on Sundays at 5 p.m.



# Tech News Hotline x3-1541



come for tours, questions, and refreshments!



## PHYSICS DEPARTMENT FRESHMAN OPEN HOUSE

DATE: WEDNESDAY, APRIL 2, 2003  
TIME: 3:00-4:30 PM  
PLACE: PHYSICS COMMON ROOM, 4-339

### DEMONSTRATIONS OF PHYSICS FACTS AND ILLUSIONS

- Optical Illusions
- Objects Rolling Uphill
- High Temperature Superconductivity
- Ball Bearings Floating in Space
- Monopole?

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## [course 4] freshman open house

April 1st Tuesday 11:00 am 7-431

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Saturday April 5  
noon - 9:30pm  
Sunday April 6  
noon - 8pm

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### Solution to ChessMate

1. Qxg8+ Kxg8 2. Rc8+ Bf8 3. Bc4+ Kh8 4. Rxf8 checkmate

### Solution to Crossword

from page 15

A	C	C	R	A		O	D	E	R		O	P	A	L
M	U	R	A	L		C	I	A	O		P	I	N	E
P	R	O	J	E	C	T	P	R	O	J	E	C	T	S
L	I	S	A		A	E	S		M	A	N	T	I	S
Y	E	S		O	T	T		G	E	N	E			
				B	I	B	S		A	N	T	I	R	U
S	E	R	F	S		S	P	A	T	S		N	A	E
P	R	E	S	E	N	T		P	R	E	S	E	N	T
A	G	E		S	A	I	L	S		A	G	U	E	S
M	O	D	E	S	T	L		P	R	O	M			
				L	I	T	E		G	A	Y		B	A
S	L	E	E	V	E		S	O	W		R	E	N	E
C	O	N	V	E	R	T		C	O	N	V	E	R	T
U	R	G	E		E	R	A	S		I	N	E	R	T
T	E	R	N		D	I	N	E		M	O	D	E	S



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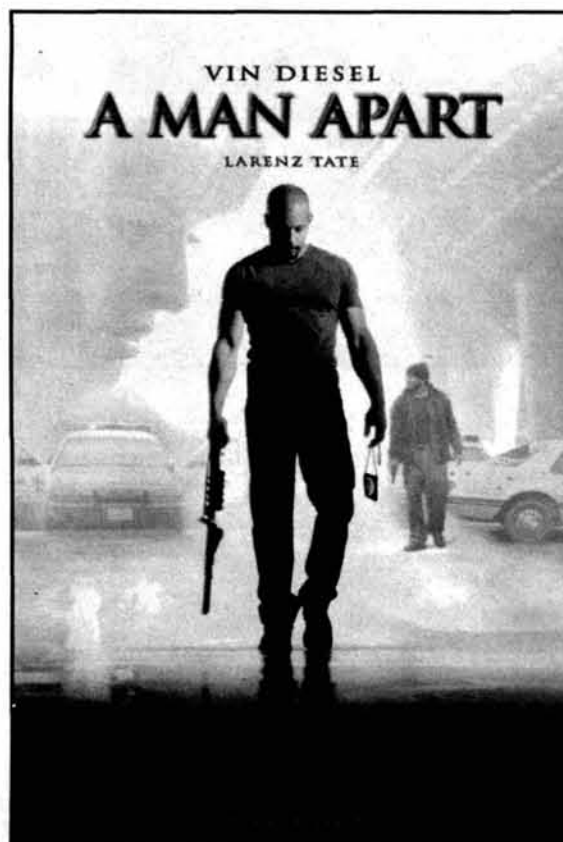
**Biography:** Andrew Bernstein has published on a wide variety of philosophical and literary  
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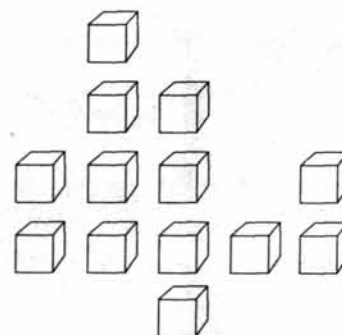


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# MIT Acts on Thefts, Students Disciplined

Tech, from Page 1

viction "is for people the judge sees as having potential," said a former Graves attorney, Dale M. Merrill.

"Sometimes the court doesn't want to totally damage their ability to contribute to society in the future," she said. "This is a chance they're being given."

## Two students probably expelled

In addition to court-ordered financial restitution, Thomas was suspended from MIT for seven years by the Committee on Discipline after confessing and implicating the other three, according to court records.

Graves and Richards appear to have been expelled by the committee. The committee's proceedings are confidential, but statistical information reported in an MIT press release last week from Professor Derek Rowell, the committee chairman, strongly imply that they were expelled in the spring of 2002.

None of the four could be reached for comment, although Winston has previously maintained her innocence. Attorneys for Graves and Winston did not return calls seeking comment.

## Tech disappointed with amount

The total the three were ordered to pay back was about \$30,000 less than what The Tech asserts was stolen. In a report submitted last October, a Tech investigative committee traced \$37,000 of allegedly improper transactions to Graves' credit card and \$18,000 in credits to Richards' credit card and checks that she, as business manager, allegedly wrote to herself using The Tech's bank account.

The figures for restitution were proposed by the Middlesex district attorney, Glover said, and his client agreed to pay back the money requested.

"We are disappointed in this discrepancy," said Jyoti Tibrewala '04, The Tech's chairman. "We continue to be in touch with the district attorney to resolve this," she said, although it was unclear what The Tech could do now that the district attorney has already agreed to the restitution orders.

Tibrewala added that The Tech might still see restitution of the remaining money by way of an insurance claim filed last year by MIT.

In Graves' case, the \$25,000 figure appears to be the maximum permissible in district court and without a grand jury indictment. In Richards' case, \$6,600 is the total value of the suspicious credit card transactions, without the checks Richards is alleged to have written to herself.

In addition to disappointment with the district attorney, Tibrewala also expressed frustration with the MIT Police. "There remains an additional \$7,300 in suspicious credit card transactions" for which The Tech's investigative committee was unable to find the name of the cardholder without a subpoena, or the cardholder had no apparent connection to MIT, she said. "The campus police have been aware of this for a year now, and no progress seems to have been made on these."

## Theft likely led to new accounting

The embezzlement, enabled by The Tech's credit card billing machine and unaudited outside checking accounts, is widely believed to have led to Treasurer Allan S. Bufferd's decision last May to forbid student groups from holding outside bank accounts, citing "difficulties" with some student group accounts.

"If it's the case that MIT did away with outside bank accounts because of what happened with The Tech, I think it's a shame that one group's irresponsibility and sloppiness took away the privilege of outside bank accounts for everyone," said Alex Rolfe G, the Lecture Series Committee chairman. "It doubles the amount of paperwork we have to do to write a check to someone."

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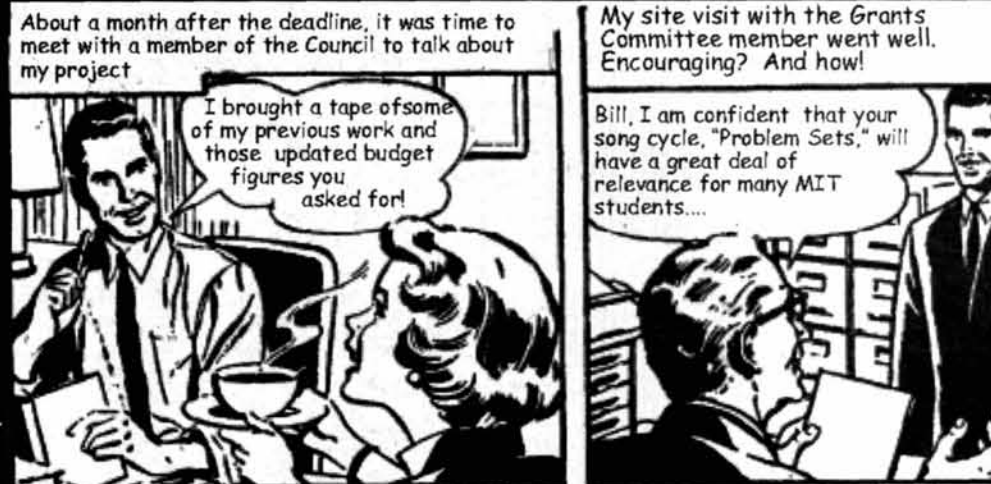
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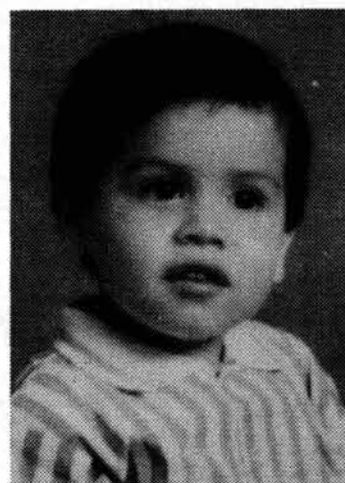
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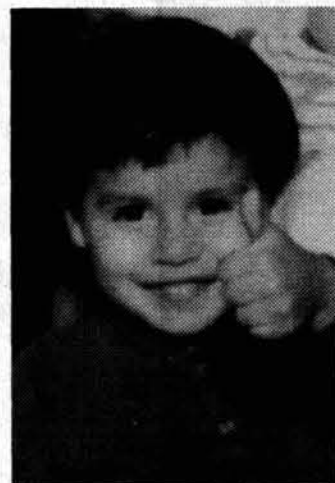
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# The Tech.

No. 1.

BOSTON, NOVEMBER 16, 1881.

VOL. I.

## THE TECH.

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### STUDENTS AND FRIENDS:

#### GREETING.

TO-DAY is issued the first number of our paper; and, although we tremble at the thought of the work before us, we begin it gladly. We believe that the same public spirit that founded THE TECH will sustain it to the end.

The Institute has never been rich in papers. Only one, we believe, has ever been published. Some years ago, the *Spectrum* shone for a time, but soon faded away. Still later, an attempt was made to establish another paper, but in vain; the first number never appeared.

And now comes THE TECH, asking its share of favor. Even as its predecessor, it attempts great things. It will be its aim to promote the interests of the students of the Institute, and maintain a friendly spirit among them, breaking

down the ancient barriers of class and department. It will exercise a guardian care over the members of the school, protecting the Freshman, curbing the Sophomore, correcting the Junior, and supporting the Senior in his old age. It will open an avenue for the expression of public opinion, and will aim, in every possible way, to help all in the development of their young manhood and young womanhood. It is hoped, too, that it will keep the interests of the Institute before its graduates, cherishing among them the memory of their *Alma Mater*. Our brother and sister colleges, also, will become better acquainted with us through this paper.

We cannot look far into the future. We cannot tell what buds of genius may be unfolded in these columns. But even if genius does not bloom; even if the beauties of rhetoric and poetry are not developed here; even if this paper becomes, like the school it represents, only a field for plain, honest work, — we shall nevertheless be sure that the efforts we make are stepping-stones to further attainments, helping us all to the higher and nobler uses of our lives.

IT may be interesting to the graduates and friends of the Institute to know the history of this paper's formation, and its plan of management.

About a month ago, a meeting of the students was held for the purpose of considering the publication of a school paper. A committee of five was chosen, with instructions to examine the matter in detail. A week later the committee presented a report in favor of the proposed paper. The recommendations of the committee were subsequently embodied in the present form of government.

The management of THE TECH consists of a board of directors of seven, representing the

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